Brigheal Correspondence.

RAILWAY

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1226 .- Vol. XXIX.

LONDON, SATURDAY, FEBRUARY 19, 1859.

STAMPED.....SIXPENCE.

JAMES CROFTS, SHAREBROKER, M. H. J. A.M.E.S. U.R.U.F.T.S., S.H.A.R.E.B.R.U.R.E.L.,

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30 Cather, & Jane, 5s. 9d.

40 East Treiness.

5 West Eart Age. 9d.

5 East Treiness.

5 West Eart Age. 9d.

5 East Treiness.

5 West Eart Age. 9d.

MR. LELEAN, 4, CUSHION COURT, OLD BROAD SRTEET,
E.C., has the following SHARES FOR SALE, and recommends those marked
thus (*) as paying the greatest dividends, and those marked (†) for a rise in market
value in a very short time:—

5 Alfred Comois.

45 Great South Tolgus.

126 Telecarus.

test dividends, and those mar

45 Great South Tolgus.
110 Keily Bray.
100 Lady Bertha.
115 North Crofty.
15 North Crofty.
15 North Minera.
110 North Maren.
110 North Dolcoath.
110 North Boath.
110 North Boath.
12 North Roskear.
110 Old Tolgus United.
29 Pendesen Comols.
5 Par Consols.
15 Par Consols.
15 Rosewarne United.
10 Sortridge Consols.
1 South Cardon.
20 South Cardon.
20 South Buller and West.
Pentruthal.
110 South Cardon.
25 No. The Consols.
26 No. The Consols.
27 St. The Consols.
28 Swanpool.
28 Swanpool. ted (†) for a rise in in

12 Televane.

10 Tolvadden.

10 Trincroft.

10 Trincroft.

10 Unity.

20, Vale of Towy.

5 West Basset.

11 West Seton.

100 West Par.

1 West Caradon.

100 Wheal Addams.

1 Wheal Basset.

10 Wheal Harriett.

20 Wheal Charlotte.

20 Wheal Harriett.

10 Wheal Edward.

10 Wheal Edward.

10 Wheal Edward.

10 Wheal Margary.

1 Wheal Margary.

1 Wheal Margary.

1 Wheal Mary Ann.

2 Wheal Margary.

1 Wheal Mary Ann.

2 Wheal Mary Ann.

2 Wheal Mary Ann.

3 Wheal Margary.

1 Wheal Mary Ann. Bryntail. Caistock Consols. Catherine and Jar Carn Brea. Dale (£1 paid). Dolcoath. ng Dong. nke Walis. Lit Daren.
List Daren.
Last Providence.
Last Basset.
Last Basset.
Last Basset.
Last Rosewarne.
Great Alfred.
Grambler and St.
Great Wheal Vor.
Great Howas. 5 Swanpool. 25 St. Day United. aptly attended to. Co sion, 1% per cent.

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ORTS will also be given, and important information on the present and future opens and prospects of mines throughout Corawall and Devon, with advice thereon as archase or sale of shares.

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TINCROFT AND WHEAL GRYLLS.—SPECIAL REPORTS

are being made, and will be published in PETER WATSON'S WEEKLY MINING
CIRCULAR AND SHARE LIST.

THOMAS ROACH, MINING AGENT, D.C. 10

HENRY GOULD SHARP, SHARE BROKER, &C.,

32, POULTRY, LONDON, E.C. SHARES FOR POSITIVE SALE:

34, POULTRY, LONDON, E.C. SHARES FOR POSITIVE SALE:

35 Molitand (an offer),

36 Wheal Elien.

30 Wheal Elien.

30 Wheal Elien.

30 Kelly Bray.

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11

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50 Wheel Addams (call paid), 16s.

11 Bosewarne, £72½.

12 Holmbash, 17s. 6d.

50 Tolcarise, 17s. 6d.

50 Sortridge, 13s. 6d.

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NOTICE.—MINING OFFICES, CORN EXCHANGE, LEEDS.

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And a BUYER of Tehidy, Wheal Margaret, Trelawny, Tamar Consols, North Romangery, Tincroft, Worthing, West Seton, West Caradon, Kitty (Lelant), Holm Minera, Cwmystwith, Builer and Baset United.

2, Adam's-court, Old Broad-street, February 18, 1859.

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1 West Seton.

2 West Caradon. 3 Whenl Mary Ann. 1 Trelawny. 5 Great South Tolgus. 2 west Caracon.
PROGRESSIVE.
5 North Minera.
50 Catherine & Jane Cons.
10 North Grambier.
6 North Reskear.
10 North Reskear.
11 Hooper.
12 'Commercial Bank, Lothbury.

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1 Cludcott.
1 Castcock Consols.
1 Providence.
2 Great Hewas.
2 Morth Robert.
2 Wheal Arthur.
2 Wheal Arthur.
2 Wheal Arthur.
2 Morth Trelawny.
2 Lady Barths.
2 Wheal Arthur.
2 Wheal Wry.
3 Wheal Addams.
4 WANTED, 2 Devon Great Consols.
5 Owned Addams.
6 Owned Addams

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Prices of Railway Stock.

soors, and North Downs suites.

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Mr. Murchison's new work on British Mines is attracting a great deal of attention, and is considered a very useful publication, and calculated to considerably improve the cettor of home mine investments.—Mining Journal.

The hook will be found extremely valuable.—Observer.

A valuable intide book.—Globe.

A valuable little book.—Globe.

A valuable guide to investors.—Heropath.

Mr. Murchison takes sound views upon the important subject of his book, and has placed, for a small sum, within the reach of all persons contemplating making investments in adming shares that information which should prevent rash speculation and unproductive outlay of capital in mines.—Morning Heraid.

Of special interest to persons having capital employed, or who may be desirous of investing in mines.—Morning Chronicle.

Parties requiring information on mining investments will find no better and safer instructor than Mr. Murchison.—Leeds Times.

As a zuide for the investment of contail in mining operations is inestimable. One of

Original Correspondence.

ALLOYS OF ALUMINIUM AND IRON.

ALLOYS OF ALUMINIUM AND IRON.

Sin,—Much has recently been stated in the Journal with respect to the economical production of alussinius and its alloy with other metals; permit me, therefore, to make a few observations on those subjects, but particularly as regards the alloy of aluminium and iron. At page 15 of my "Metallurgy" occurs an account of this alloy, which claims serious attention from all iron smelters and makers who may wish to improve their manufactures—"By fusing highly carburetted steel with alumina a peculiar alloy results, which in fracture is white, granular, and brittle, and which on analysis gives 64 per cent. of alumina. On melting 67 parts of this alloy with 500 of steel, a compound was obtained containing about 8 per cent. of alumina, and which possessed all the characters of the best Bombery wootz steel; and, like it, when its surface is polished and washed over with dilute sulphuric acid, exhibits the striated and wavy appearance called damask, for which the celebrated sabres of Damascus are remarkable, and which renders it probable that those kinds of sabres are made of wootz." There is much in this paragraph entitled to the best consideration of ironmasters generally, but to the steel manufacturers of Birmingham and Sheffield more particularly.

Steel alloyed with alumina in very small quantities is found to communicate to it great hardness, strength, and body, and consequently density, without in the slightest degree injuring its homogenity, or imparing its susceptibility of receiving a good polish. Mr. C. Sanderson remarked, in a paper read at a meeting of the Society of Arts a few months ago, that some specimens of steel recently made by Sir Charles Knowles, "possessed greater density than any samples of that article which ever came under his (Mr. Sanderson's) observation." This is in full corroboration of the principle that aluminium in combination with steel greatly improves its quality, and augments its density; for in the manufacture of steel by the process adopted by Sir C. Kno

NORTHAMPTONSHIRE IRON ORE—IRON CINDER OR SLAG.

NORTHAMPTONSHIRE IRON ORE—IRON CINDER or SLAG.

Sir,—In confirmation of my former letters, allow me to call the attention of your readers who feel interested in the Northamptonshire iron ore to the following extract from Mr. Rogers's. "Treatise on Iron Metallurgy," p. 169, published in 1857:—"The cinder or slag may, if in a clear and fluid state, be converted into a variety of utensils and ornaments, either of a glassy or porcelainous texture; but all attempts to do so to any extent have hitherto failed, not, I believe, from any defect in the quality of the cinder, but principally from the inconvenience it would occasion in cast-houses and foundries of the present construction, and from the want of a demand for anything like the quantity that could be made of the results alluded to. A furnace making 80 tons of good grey iron per week would turn out at least 160 tons of cinder,—a quantity of material sufficient to manufacture one thousand gross of quart bottles, and to occupy the labour and skill of from 60 to 80 glassblowers for 24 hours of the day the whole week. There can, however, be no question but that a great variety of utensils, ornaments, and building materials, such as pavings, pans, columns, cisterns, troughs, and even sheets of glass for roofs and other purposes, may be advantageously formed of the residuums of an iron smelting furnace."—Blisworth, Feb. 14. ——W. G. ELLIOTT.

IMPROVEMENTS IN THE VENTILATING OF COAL MINES.

IMPROVEMENTS IN THE VENTILATING OF COAL MINES.

IMPROVEMENTS IN THE VENTILATING OF COAL MINES.

SIR,—I observe a letter on this subject in the Journal of Feb. 5, written by a gentleman who subscribes himself "A Viewer and Mining Engineer." This gentleman must excuse us when we state our opinion that he is most lamentably ignorant of the principle of furnace ventilation, and indeed of all ventilation. He states "that it is inconsistent to employ safety-lamps, while an open light (alias the furnace) is kept burning in the most dangerous part of the workings." Now, the furnace is not placed in the workings at all, but at the bottom of the upcast shaft; and it is well known that where the air currents are properly divided and distributed in the mine, let that mine be the most fiery the world ever saw, and the use of safety-lamps necessary both in the whole mine and broken workings, yet the return air at the furnace will be perfectly safe and harmless. The most extensive practice fully proves this, and it can be easily shown theoretically. We shall merely give a few brief hints, as concise as possible. We will take a colliery of moderate size, divided into six districts, producing 60 tons per district, equal to 360 tons per day. Now, each of those districts is ventilated by a distinct current of air, of 9000 cubic feet per minute, making a total of 54,000 cubic feet of air per minute. We have, therefore, 54,000 cubic feet of air per minute passing from the downcast shaft, and afterwards divided into separate currents, and passing into the respective districts. Now, all those currents of air join again at least 300 yards before reaching the furnace, some of them have joined perhaps at a distance of 900 yards from the furnace; and as even those separaps at a distance of 900 yards from the furnace; and as even those separaps at a distance of 900 yards from the furnace; are seapes; consequently the return air at the furnace is perfectly safe and harmless. This is a matter of everyday experience, and under those circumstances it will rarely be near the explosive point

We do not make these remarks as one wedded to the furnace. We agree with the writer that many objections may be urged against it. We merely aim at correcting what we conceive to be gross errors.

An Old PITMAN.

IMPROVED MODE OF VENTILATING COAL MINES.

IMPROVED MODE OF VENTILATING COAL MINES.

SIR,—Having read in your Journal of Feb. 5 a letter from Mr. Lancaster, on an "Improved Method of Ventilating Coal Mines," I send you a copy of the Engineer of Feb. 5, 1858, containing a letter written by myself, and signed "Calorie," wherein I propose the same method of ventilating mines, by means of atmospheric air heated on the surface to a high temperature, and forced into many parts of the upcast shaft. I shall feel obliged if you will insert this, together with the letter signed "Calorie," in your next Journal.

Clay Cross, near Chesterfield, Feb. 10. Engineer to the Clay Cross Co.

MINE VENTILATION.

A valuable little book.—Globe.

A valuable guide to investors.—Herapath.

Mr. Murchison takes sound views upon the important subject of his book, and has placed, for a small sum, within the reach of all persons contemplating making investments in maining shares that information which should prevent rash speculation and unproductive outlay of capital in mines.—Morning Herald.

Of special interest to persons having capital employed, or who may be desirous of investing in mines.—Morning Gerousics.

As a guide of the information contains maining operations in insettimable. One of the most valuable mining publications in this has come under our notice, and contains a more information than any other on the subject of which it treats.—Deep Telegraph.

To those who wisk to invest capital in British Mines, this work is of the first importance.—Welchmans.

This work cambles the capitalist to livest on sound principles; it is, in truth, an excellent guide.—Persons desirous to invest their capital in mining speculations, will find this work as the capitalist to livest on sound principles; it is, in truth, an excellent guide.—Plymouth Journal.

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Persons desirous to invest their capital in mining speculations, will find this work as the capitality completed and reliable information relative to all the known mines have limited to the proper ventilation in actually endangered, as when the tobing and fromwork, and turning the whole his and consequence every offer press.

These interested in mining affairs, or who are Casirous of becoming speculators, should obtain the capital information relative to all the known mines have limited to a sound principles; it is, in truth, an excellent guide.—Person the work.—Meanoust Beacos.

Every officially excellent desired in the proper securation of the well-desired in the proper ventilation is actually e

the downcast shaft, and there they will last until they are wern away by friction in passing through the guide staples. If this damaging eract of smoke vin upcast shafts sould be avoided by any means at a reasonable first cost, the tubing preserved, and an efficient ventilation kept up without incurring a continually increasing expenditure, it may desirable to do so. The plan it would propose to places a hot-live over at or near the of the upcast pit. The solve would be similar to these used at hat-bloat furnaces. From this stove I would carry a length of pipes down one side of the shaft, and close it at the bottom end. On this length of pipes down one side of the shaft, and close it at the bottom end. On this length of pipes I would cast several small branches turning upwards, those near the top of the shaft would have to be small in dimensions compared with the others below, so that the great belt of the leasted air would be conducted nearly to the bottom of the shaft, and the branches above would be discharging a small quantity of heated air, to keep the temperature of the shaft more equal. The whole of these branches with an upward discharge of heated air would give an impetus to the current of return air, and act partially on the principle of the steam-jet. A steam-engine of small power would be required to force the air through the heater, down the pipe, and out of the small branches into the shaft. Either a cylinder or fan might be employed for this purpose. There would be not difficulty in heating 3000 or 4500 only field for the purpose. There would be not difficulty in heating 3000 or 4500 only field for the purpose. There would be not officially in heating 3000 or 4500 only field for the purpose. There would be not officially in heating 3000 or 4500 only field for the purpose. There would be an excellent ventilation. A pyrometer might be attached to the heater, and this would clearly show whether the man in charge of the engine and heater was doing his duty. There would be not out the shaft to 150 deg

THE GOVERNMENT AND THE MINER.-No. I.

THE GOVERNMENT AND THE MINER.—No. I.

Sir,—The great destruction of human life, and of valuable mine property, through the incompetency and carelessness of the directors and managers of mines in many parts of this country has very properly, and not before time, found a place amongst some of the gravest questions for the solicitous and assiduous consideration of both Government and people. The Mine Inspection Act has now had a fair trial, and the results are patent to all who are accustomed to read your valuable Journal, or who are in any way connected with the collieries comprised by the respective districts under inspection. The Inspectors themselves seem quite aware that something more must be done than what they have hitherto been able to accomplish, and, perhaps, we are yet to be favoured with something meeful and practicable as the product of their recent meeting at Harrowgate. They are certainly in the very best position for acquiring that kind and amount of information respecting the condition and working of coal mines, and the educational and moral character, generally, of the managers and overmen, which is best calculated to lead to the suggestion of some more efficient means for the prevention of those sad accidents in mines, of which we have lately heard, with, alas! such fearful and lamentable frequency.

The responsibilities of colliery managers are weighty and serious, but those of the mine inspector are, if possible, more so. The duty imposed upon the Inspector by his Sovereign is to lessen the fearful amount of accidents in mines by inducing a more careful and intelligent attention on the part of managers and directors to the sanitary and safe condition of the collieries under their charge, and to point out to them such defects in the machinery and working of the mines as are liable to lead to serious accidents. I am persuadae's that in too many cases the Inspector either loss sight of his own responsibility, or contents himself with the belief that he has done his duty entirely by a two or thre very productive source of the inefficient and reckless mode of working coal mines, and of the consequent loss of life, is ignorance on the part of the managers and under-agents of the veriest elements of such a knowledge of what may be termed "mining science," as is almost essential to the safe and economic management of subterranean works. The absence of this source of evil in most parts of the counties of Northumberland and Durham is the grand reason of the safety and economy in their mining works. I sincerely trust that those who are attempting to provide overmen, bailiffs, and other underground managers of collieries with a cheap and suitable education may meet with that success which they most assuredly deserve, and that they may add to their numbers in the carrying out of such an important and necessary work. If the Inspectors are not doing their very best in this matter, they would do well to devote a little more attention to it. Some useful reports from colliery districts will be laid before the lately-appointed Commissioners on Education, and I earnestly hope that increased attention to this by the Government may be the result. Vigilance.

BRITISH MINING .- No. I.

Six,—Perhaps at no period has British Mining presented prospects of such lucrative results to the capitalist and investor as at present. True it is metals have been higher, but then labour and materials were also dearer; therefore, comparison with those times will show that profits are actually greater than hitherto known. British Mining is a wonder even to those who know what mining is; its profits are unequalled; and if we look through the various investments and schemes which England can boast, it will be found that mining a sected by the capitalist with discounts. who know what maning, selected by the capitalist with discretion, will surpass all. Glancing at some of the principal districts in Cornwall, we may direct attention to the first tin district in the world—Lelant. Here, within a circumference of 2 or 3 miles, lies an amount of wealth as almost to baffle belief. In this district are the celebrated Providence and Margaret Mines, which, although comparatively in their infancy, pay handsome profits to the investors. In the same district is also situated Wheal Mary, Wheal Kitty, and Lelant Consols; the former, on 36l. paid, has given 248l. per share, and every prospect of continuing good dividends followers. Wheal Kitty, although only paid 6l. per share in dividends, yelloway be considered an investment of goussal prospects. Lelant Consols has never attained that success to which the district and the perseverance of the shareholders are entitled; the workings are now down to within a few feet of the depth where Wheal Margaret lodes were found so productive, and being so near Wheals Margaret and Kitty, good results may be soon anticipated: 29l. per share, or nearly 30,000l., have been expended in the exploring the lodes.

Turning to the Camborne and Redruth districts, we find the richest

in the exploring the lodes.

Turning to the Camborne and Redruth districts, we find the richest copper district in England, and, perhaps, in the world. Numerous mines could be cited where, on a mere nominal outlay, vast amounts of profits have been made; and although a marked decrease in the returns of some of these large mines is visible, yet others are taking up a position which ultimately show themselves no naworthy successors. Amongst this class East Basset, Great South Tolgus, and West Basset, are opening out first-class mines; whilst Old Tolgus, Buller and Basset, and North France will ultimately rank as first-class dividend mines: present prospects are this assertion, the district is second to none, and being surrounded by mines rich in metal, time and perseverance will enable shareholders to realise expectations.

rant this assection, the district is second to none, and being surrounness by mines rich in metal, time and perseverance will enable shareholders to realise expectations.

From this district we meet with no mine of particular importance until we reach Liskeard. A little to the east of this town we find a group of lead mines, Mary Ann and Trelawny being the best, and the rich quality of the ore enabling dividends to be paid at the rate of 20 per cent.; the reserves are large, and a continuation of dividends equal to the present may be fairly anticipated. Looking towards the Caradon Hills, the eye may rest on a cluster of copper mines. Of this group, South Caradon stands the first; the deposits of metal are immense, and he quality very rich. This is one of the greatest successes in mining; with an outlay of only 2l. 10s. per share, dividends to the amount of 556l. per share have been paid, and every prospect of a continuation for years. To Capt. Peter Clymo, of Liskeard, the mining interest is indebted for this great success. West Caradon has not equalled her neighbour; but, perhaps, a few months will again place her in a good position. Craddock Moor and Gonamena are yet in their infancy; the former is paying bi-monthly dividends; and the latter, although in 1852 it paid 7s. 6d. per share, yet since that time has discontinued dividends; the prospects, however, are more cheering, and no more calls will be necessary for a long time, and discoveries may very soon be made, which will considerably enhance the value of this property.

of this property.

And now I ask, to what cause must we ascribe all these successes, and how has British Mining been represented? It has had no Member in Parliament who has fairly supported it; but it has had one who has attempted

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impose a tax on its spirited promoters. To whom, then, is the Mining crest indebted? I emphatically say to the Mining Journal. The omoters of that industry and investment which, till very recently, was reely known without the precincts of Devon and Corawall, and Herespassage, London, but developed by the increasing efforts of that arnal, aided by such men as Hunr, Watson, Murchison, and others could name, British Mining has progressed to a degree almost unparieleled; and capitalists, who a short time since regarded mining with an ersion, are now the men who support it. Thus, with a good price for tals, and with an increasing consumption, the mining community may is forward to still better times.—Feb. 17.

W. P.

MINING TESTIMONIAL-MR. ROBERT HUNT, F.R.S.

MINING TESTIMONIAL—Mr. ROBERT HUNT, F.R.S.

Sir.,—It is a source of the highest satisfaction to me to see by the vaus letters in your Journal, and to hear from private sources of informaon, that the labours of the talented and energetic Keeper of Mining
cords in the Museum of Practical Geology are so generally appreciated
to give rise to the idea of presenting him with some mark of public
your. I think there can scarcely be found a man interested in mining,
he has watched the progress of the Mineral Statistics, who will not be
ady to subscribe his mite towards an acknowledgment of services so dededly valuable to this branch of our national industry; and I feel confient that it is only for the movers to form a committee, and place the
bject properly before the mining public, to ensure a successful result.

It must be remembered that, although Mr. Hunt holds office in a Goroment establishment, he is not armed with any Government authority
r obtaining the great mass of information which he publishes. It is
stirely due to his own tact and judgment, and his untiring perseverance,
at we now possess a really valuable account of the mineral produce of
is country; and it would be a fitting compliment to the author for those
ost interested to present him with a substantial mark of their esteem.

A MINING ADVENTURER.

THE PORT PHILLIP GOLD COMPANY.

THE PORT PHILLIP GOLD COMPANY.

Sir, Mr. Bland's letter in the Mining Journal will not induce me to open the discussion on the past proceedings of this company. In my last teer, about six months ago, I stated that it was to be hoped that the commy would ultimately be properly established, and derive some benefit from ushing the rich out-crops of quartz and slates at Clunes. Had Mr. Bland en sent out simply as a superintendent, and not as a resident director, do be placed under the same restrictions as other agents, about 50,000l, the company's capital would have remained intact until the colony was a state to grant leases to public companies, and the profits from the slting offices would have also been saved. But being sent out as a resimit director, and left to do what he liked, he sunk all in worthless specution, until the Clunes Company came to the rescue, and enabled him to ake profits by crushing for them.

He is naturally sore to find that after all that has been done to hide his occedings—heavy losses and bad contracts—the shareholders should now the facts. The melting offices have saved this company. However, tus looks to the future. We know the value of the outcrops of rich automost by the suns quartz, &c. What is wanted is to obtain a lease of large a significant of the future of the future. We know the value of the outcrops of guidant and should never be undertaken, excepting by those who are foroughly acquainted with gold mining in hard rocks. What are called seep workings in Victoria is not deep mining, but workings in the upper fit edges of the primary slate, under a thick cover of clay, gravel, &c. he soft forruginous quartz sometimes pays for working to the depth of 0 1200 fathoms; much depends on the character of the rock and quartz. The mes may contain ferruginous quartz veins, and if the quartz is as ich on an average as represented, the company ought to derive large profits om the morkings, as well as from mere crushing.

Profits are obtained in South America from the workings on the outcrop

SOUTH EUROPE MINING COMPANY.

SOUTH EUROPE MINING COMPANY.

Str.,—In a letter published in your Journal of last week, a correspondent (* X. Y. Z.") directs attention, in some pointed and interesting remarks, to the circumstance of a mineral vein having been lately cut in Monte Romero, one of the company's mines. Your correspondent refers in this letter to the fact that specimens of the mineral had been received in London, and were then in my hands for analysis and report. My examination of the mineral being now completed, and the report in the possession of the company, it may perhaps be interesting and useful to your readers to receive more definite information on the subject; this I am permitted by the company to supply.

From the reports which have been already published, you will have learned that the modern workings of the mines in the Huelva district are almost all based upon those of the ancients, which have been re-opened and extended as was found requisite. It was in opening an old Roman adit in Monte Romero that the vein in question was cut. This vein, as your correspondent remarks, has really nothing to do with the deposit of copper ore; and it is not a little remarkable that, with the exception of a small quantity of native copper in a granular state, the mineral from the vein contains scarcely a trace of that metal. It is, indeed, a cross run of mineralised matter, passing at right angles to the main deposit; which runs east and west, the adit itself taking the same course as the deposit; and as the vein lies north and south, the adit has been, in fact, cut directly through it. The general geological features of the locality in which these mines are situate consist in more or less elevated porphyritic ridges, which hav, it heaves the porphyry and the slate, occupying vacuities between the two. The vein of mineral has been cut in the slate, and not at all in connection with the cupreous deposit. The mineral from the vein is however, valuable, as it consists of arsenical cobalt, slightly argentiferous. The mean of my examinations

mining district.
Chatham-place, Blackfriars, Feb. 11.

TIN SHODE STONES.

Sir,—Amongst the numerous letters on the various subjects of mining processes inserted in your valuable Journal, and in nearly all the works I have perused, the old practice of shoding seems to have been overlooked. This I attribute principally to the disuse into which it has fallen of late years, the whole of Cornwall being supposed to have undergone this ordeal; but there are parts of Devonshire where "shode stones" of no mean quality have been discovered. I feel fully persuaded that a strict search would be but there are parts of Devonshire where "shode stones" of no mean quality have been discovered. I feel fully persuaded that a strict search would be well rewarded. Not long since I saw a fine shode stone from the Cawsan Hill, which was rich in tin; I have also seen some from other parts of very good quality. Many of the principal tin mines of Cornwall have had the backs of their lodes discovered in the first instance by shode stones having induced sinners to costean for them. When young, I have often gone out "shows," "with Capt. R. Berryman, of Zennor, and miners called Sonny Ellis and John Thomas, on the sides of Castle Dinas, Sancreed Beacon, Carn Galver, &c., and not without success. I could point out several tin lodes near Nancledrea that were discovered by this agency.

I am led to make these observations from a circumstance which occurred to me when examining the Carysfort Mining Company's property, in Ireland, a few weeks since, where, in a situation a lode was supposed to exist, examination led to a discovery of shode stones, some of which were turned up by ploughmen; others were found built into the stone walls forming the hedges of the fields. These, by the acumen of Capt. Silas Evans, were recognised as shodes from the back of a gossan lode. Costeaning led to the discovery of a magnificent vein of gossan and sulphur, the character of which left no doubt whatever of the identity and locale of these erratic messengers, which were found at the distance of many hundred yards below the actual lode. This fact has led to the practice being pursued to

some extent, and with considerable advantage. It was perfectly palpable that this gossan had been disrupted by some convulsion or flood, and removed to this great distance.

To much attention cannot be devoted to these apparently trivial circumstances; indeed, not the slightest should be overlooked or neglected by the intelligent and cantious miner. The apparently most trivial indications may be fraught with important results, and if not immediately acted on should be noticed for future remark and comparison. Young men would do well when they meet with a stone having any peculiarities they do not understand to place them by for reference, and make written minutes of the circumstances of their bring found, and of the locality. Such practices involve but little trouble, and may subserve some most valuable purpose at a future period. When rambling over wild commons nothing is easier than to carry a small hammer, to test the various stones lying about, as, perchance, the rambler may be fortunate enough to meet with a "shode" of value. It is said these stones, having literally no habitat, were formerly so numerous that men followed shoding as an employment when they had no better: it must have been at best a precarious avocation, were not the discovery of lodes the ulterior object. It will be remembered that in the earlier days of Australian gold discovery nuggets were found at the surface; these were but shodes of gold, holding the same relation to the vein and gold washings as the Cornish tin shodes do to her tim mines and tin streams.—Feb. 15.

streams.—Feb. 15.

GEORGE HENWOOD.

THE DOWSING, OR DIVINING ROD.

Sin,—I am aware that my letter to you on this subject, which I sent from Truro, has evoked a considerable amount of ridicule and discussion. In some districts I find that confidence is placed in the indications of the rod, but even the "faithful" do not absolutely ascribe its influence solely to metallic veins, but to springs and subterranean streams as well. I have conversed with many experienced and scientific miners on the subject, who hesitate to give their opinions, for fear of obloquy and sarcasm. If such silly causes are to interrupt the record of facts, or to retard enquiry into certain occult natural law, it is time some one should stand out in defence of them, even though he be the object of censure, wittleism, and ridicule.

On perusing one of Chamberris repository of amusing tracts (No. 25), I read an article entitled "The Mines and Miners of Cornwall." I believe the work in question is usually allowed to be one of sterling merit, and the name of Chamberrs to be a guarantee for any statement that may be made therein. The paper on Mines and Miners is well and correctly written. At its conclusion the subject of this letter is dwelt on to some extent. From it I learn that the matter had attracted considerable attention, and that Dr. Herbert Mayo had written a remarkable book, of which the thrid edition was published by Messrs. Black wood, in 1851, "On the Truths contained in Topular Superstitions." In this book he states his own experiences and his own beliefs respecting the divining rod. Dr. Mayo was, like most other persons, a disbellever in ocult power; but he saw reasons to change his opinions. A perusal of this work will show that his experience and conversion are as nearly as possible similar to my own, as detailed in my letter to your Journs, and and admineral similar to my own, as detailed in my letter to your Journs and the proposed propos

STEAM-BOILER EXPLOSIONS.

SIR,—In last week's Journal publicity is given to a letter from Mr., J. Anthony on this subject, and from the knowledge I possess of steam-boilers, &c., I quite concur in all that gentleman says.

On making enquiry, I find boilers of the ordinary construction cast at 151. per ton for structures made out of old plates, with the holes sheared off; 201. per ton from Staffordshire plates; and 301. per ton from Low Moor or Bowling plates, all put together by single holes, rivets, and lap-joints. Thickness of metal ½ to ½, inch. These explosive machines are worked from 10 lbs. up to 60 lbs., and in some cases 100 lbs., pressure per square inch. It is only a wonder to me that there are not more "a while boiler explosions," from the simple fact that the metal is not put into mechanical position. Ample proof there was a short time since at Manchester, with those boilers that burst in course of hydraulic test, as there can but be one opinion—the plates were too large. Strange it is, with so useful but so dangerous an agent as steam, that there is not a Government standard for boiler-making in vogue.

A very erroneous impression prevails amongst the users of motive power, and their working at what they call bigh-pressure to be asse, insamuch as they consider themselves asse with a boiler working under 50 lbs.; whereas, if they were working at 150 lbs., with a boiler make as it can and ought to be, they would have less risk of explosion, with economy, from the fact that steam is an elastic body, and is compressible, hence its increased power only requires a structure of sufficient strength to retain it, whether at 150 lbs. or 500 lbs. per square inch. It is my opinion that there would be fewer explosions by working up to the latter datum, with boilers constructed on the best principles, and other appurtenances requisite appended for security to 16c, coupled with a competent person to attend, them, than there is at present with boilers made from the worst description of fron, on the least mechanica

AMERICAN MAILS-RECEIVED ALTERNATELY BY GAL-WAY AND BY THE SHANNON.

WAY AND BY THE SHANNON.

SIR,—The Earl of Derby was the first Prime Minister who conceded, and who may now be acting on, the principle that the above malis should pass through Ireland; a valuable concession to Liverpool, Scotland, and to the North of England, as letters may be received several hours sooner. The advantages conceded to Ireland generally may be considered as decisive. By the postal arrangements of the late Government, the letters for Ulster and Connaught may remain in Liverpool six or eight hours, being then shipped to Dublin, where they may again remain eight or ten hours—as it were in the deadletter office; as if the merchants of Galway, Belfast, and the linen traders of Ulster, were awaiting a funeral.

The boon conferred by the Prime Minister might prove the greater were the American mails received aiternately by Galway and by the Shannon. By that arrangement Liverpool, Scotland, and the North of England, might not be placed in a position worse than they might be, and the inhabitants of Manster and Leinster might be accommodated in their torn. "Fair play is a jewel." Of course, the proposed arrangement cannot take effect until a railway shall have been projected towards Tralee, or other harbour at the mouth of the Shannon. It is the interest of the Great South-Western Railway to promote the enterprise, and it surprises me that the directors of that company did not cooperate with the general Government.

It appears that the section of the deputation representing Galway and the Midland Railway interests, and who waited on His Excellency the Lord-Lieutenant, were for them selves only—not for Ireland generally; and the directors of the latter company may

selves only—not for Ireland generally; and the directors of the latter company may find themselves missiken if they now imagine that a Conservative Government, bent on improvements, will permit them to deprive Kerry county and the South of Ireland of their share in the traffic of letters and of enligration, &c. The grand juries, and the Leutenants of the southern counties, may attend to this.

JEFFRIES KINGSEKT.

MINERS' COPPER SMELTING COMPANY.

Siz.—The spring being usually the time chosen for embarking in new enterprise, I would suggest that the present is a favourable opportunity for establishing the long-taiked-off Miners' Copper Smelting Association, as I think it must be admitted that when the standard is failing, and the price of copper is high, is the period to start. I am aware that for some time past the smelters.—I meanthe old-established smelters, of course—have been contenting themselves with smaller profits than usual, probably in the hope that they will thus drive some of the new companies from the field, or, at least, prevent any further addition to the number; but even now their profits are immense, and there could, therefore, be no difficulty in obtaining ample profits upon any amount of capital the miners felt inclined to invest.

From your last Mining Journal. I observe that the price of cake copper in the market.

the uniners felt inclined to invest.

From your last Mining Journal, I observe that the price of cake copper in the market is 1127, 10a., whilst the amount paid by the smelter for sufficient copper ore to make a ton of metal is but 964. 4a., which leaves 164. 6a, not privately so that, allowing for every contingency, a profit of 15 per cent. might be reckoned upon. I think it has been stated that a capital of 100,000!, would be sufficient, and when we consider that, calculating this minimum profit, the entire capital would be returned in less than seven years, it appears surprising that the subject has been permitted to remain so long in abeyance. No one, perhaps, has handled the question more ably than your correspondent in West

Cornwall, and, therefore, he might throw some light upon the best mode of proceeding to ensure success. We have been told that no dependence can be placed in receiving the support of the Corniahmen themselves, and the only effect which the establishment of an independent smelting company would have would be to lower the price of copper to the consumer; but with regard to the first objection, I think that the fact of metallic mining having now become a national industry renders the support of Cornishmen a matter of secondary consideration, and as to the price of copper to the consumer being made lower, it could only cause a larger quantity to be used.

I am sure there must be many of your correspondents who could give practical and impartial views upon the subject, and I, therefore, hope that a miners' copper smelting company will no longer be germitted to remain one of these necessary relarms looming in the luture.—Feb. 15.

MINING IN FLINTSLIPE.

MINING IN FLINTSHIRE.

MINING IN FLINTSHIRE.

Sin,—Your John al has of late frequently contained remarks on the mining interests of this county, especially of the Mold district. There is no doubt of its being well worthy the attention of capitalists, as there are several inacocupied mines, not deep nor watery, possessing every convenience that a mining district requires; and, I believe, taking the nimber of mines in operation, with the amount of mining business close, the returns, according to the outlay, will plainly show its value; and, I think, would surprise many had the reports and statements been publicly inserted in the Journal. There are now idle many little mines that have produced hundreds of tons of the returns, as from 10 to 50 fathoms deep, and some perfectly dry. The failures that have recoursed, or may be occurring, must not all be attributed to the mineral poverty of the cocurred, or in the countries of the control of the control

LADY BERTHA.

LADY BERTHA.

They (the shareholders) must remember that, although 14 or 15 agents had inspected the mine, only two agreed with each other, and how was that? Simply because these two gentlemen visited the mine together, and one went down the mine whist the other remained at surface, endorsing the other's report when he had made it."

This statement being evidently intended to apply to Capt. Thomas Richards and myself, I call Mr. King's attention to the fact, that our reports were published separately, and that some weeks elspace between the dates of the two inspections, consequently the charge of our conspiring together to give a fictitious report of the state of the mine falls to the ground. Mr. King, on referring to these reports, will at once discover the position in which he stands, and will doubtless feel bound to state on whose authority he made this charge, or in some other way exonerate himself from the imputation of having asserted that which has not the slightest foundation in truth.

Decon Great Consols, Feb. 16.

GREAT WHEAL VOR.

GREAT WHEAL VOR.

Sin.—At the late special meeting, the shareholders were called upon to debit themselves to the tune of 5001. to avoid litigation, and free themselves from the obligations of a contract entered into by three of their late worthy directors, without the shareholders' knowledge or sanction, though the latter was subsequently obtained by representations that have proved utterly fallacious. This contract, pronounced by the solicitor at the meeting to be one of the most extraordinary he had ever known or heard of, and which he believed had no parallel, comprised the purchases of about three-fifths of the shares in a contiguous mine, upon the condition that the purchasers should hold them, without power of disposal, and pay to Mr. Crease, the late clever manager of the Great Wheal Vor, a royalty of 5 per cent. to the extent of their interest—not on profits, but upon the value of the ores raised. This is the bargain which the then Chairman announced to the shareholders in terms of congratuation, and dilated, with his usual savuity, upon the great advantages he thought would result, but carefully abstained from sequainting us with certain conditions, from which, when recently made known to us in detail, the unfortunate dupes have not ceased to seek the liberation obtained on Monday week. The actual result is about 10,0001 cost to the Great Wheal Vor shareholders.

This is a subject which immediately concerns every Great Wheal Vor shareholder, who has to draw most of his mining information from your columns, and is not without interest to every one of your readers who holds a mining share. It is hoped, then, that the insertion of this letter in your next Journal may put all shareholders upon their guard against conceding uncontrolled power to any directors, who, by the abuse of confidence reposed in them, may think fit to commit them to such very advantageous contracts, though pronounced by high authorities to be illegal. Many of your readers may be curious to know how this was done, that they may the be

Meetings of Mining Companies.

WHEAL HARRIETT MINING COMPANY.

A meeting of shareholders was held at the company's offices, Austinfriars, on Monday,
Mr. J. E. MATTHEW in the chair.
Mr. E. King (the secretary) read the notice convening the meeting, and the minutes

Balance last audit	£ 86	8	8			
Oct. cost, merchants' bills, &c	279	- 5	0			
Nov. ditto	216	5	2			
Dec. ditto	279	14	4			
Loss on sale of forfeited shares	6	5	0=	£867	18	2
Call	£512	0	0			
Sale of copper ore	186	0	7	10.7		
Tinstuff	45	15	6			
Credit on tinstnff last account	0	2	6=	743	18	7
				-		-

res, upon which advice they had acted. Notwithstanding this cession, the arrear not been paid.

had not been paid.

It was then resolved, that the secretary be requested to hand over the names of the shareholders who are in arrears of call to the merchants, for the purpose of enforcing the payment thereof. The committee of management were re-elected.

Mr. E. Krue stated that the most auspicious points were the 90, which in 4 fms. driving would come under the ore ground gone down in the 70; and in the 100, driving east, the end would soon intersect the cross-course, which in the upper levels had produced good bunches of ore. Though the ends were not looking well at the present time, from the tenor of the agent's report, they could look forward for more antishectory results during the ensuing quarter. The costs would be kept down as much as possible, and at the next meeting he trusted that the balance-sheet would present a much more favourable aspect.

A vote of thanks to the Chairman having been unanimously accorded, the proceedings terminated.

SOUTH CUDDRA MINING COMPANY.

A meeting of adventurers was held at the offices of the company, Austinfriars, or Mr. TREMENBERE in the chair.

Mr. Charles (the secretary) read the notice convening the meeting, and the mit of the last, which were confirmed.

The reports of the committee and of the agent were then read, as follows:—

The reports of the committee and of the agent were then read, as follows:—

It is with much regret your committee have to report that the operations which were carried out to cut the Wheal Regent lode have not been attended with success. This lode has been worked on in the adjoining mines for nearly a quarter of a mile in length, and can be traced a long distance beyond the workings eastward. It has been worked on, to within a short distance of our boundary, and ores are being reased at this time on that lode within a short distance thereof. In the adit at this mine it is about 1 ft. wide, producing spots of ore, but we cannot discover any trace of it 30 fms. below the adit, though everything that mining could suggest has been brought to bear on the explorations. Few mines have been opened with greater prospects of success; in a very short time 1000M, worth of ores were brought into market; then the great gossan lode was opened and promised so much at the adit, being 6 ft. wide, and of the most kindly character, but at the 40, from surface, that lode was unkindly, and such as to cause us to abandon it. We regret very much that the result has been so unfavourable, but, holding largely, we are equally disappointed with the general body of shareholders. We do not feel justified in continuing the works as suggested in the agent's report, which in our opinion are not likely to be attended with any beneficial result to the company. The north part, or Old Caddra Mine, is a very desirable sett, and offers great chances for microse, so on the Great Crimis great lode, but the capital required would be 10,0001; we, therefore, leave you to decide on the course to be adopted.

Feb. 16,—From previous reports you have been given to understand that we could not

fore, leave you to decide on the course to be adopted.

Peb. 16.—From previous reports you have been given to understand that we could not find any lode worthy of notice in the 30, although we had cross-cut in two places the line of the lode; the lode must be small and insignificant, and in ground barren for mineral. We have let in the water at the 30, and thought it well to open out a few fathous on the lode in the adit level; we have driven about 5 fms. on the lode here, and find it about 1 ft, wide, composed of spar and spots of colper ore, but not sufficient to save. I consider there is very little chance of success for spending any more money. After trying the south and north part of the various lodes, and finding the prospect less encouraging below than at the adit level, a cross-cut could be put from the engine-shaft north to Bell's lode, at an expense of 45t, per month for four months driving, but this is very specialistive. I am every sorry we have been unsuccessful, but every shilling has been spent economically. The North Cuddra should, if possible, be retained by the company, as that will be valuable when the old Charlestown Mines shall be drained, which is now in anticipation.—8. The rest.

The Chalkman and he was sorry that they had so unfavourable a report. The first.

now in anticipation.—S. TRUREN.

The CHARKAN said, he was sorry that they had so unfavourable a report. The first point was a lode in continuation of the West Crimis Mine, and although this failed there was some hope that the convergence of the lodes would be productive. They had, however, explored the 30 and 40, but without success. There appeared no prospect of success, so that there was but one course to propose—to wind-up.

Mr. LAWRENCE thought it might be worth while to try a little longer.

Mr. CHARLES explained that they had driven south and then south-east, and had driven beyond the perpendicular of the lode; they then drove north-east, and were equally unsuccessful.—He then read the statement of accounts, from which the following is condensed:—

	_	_
10	,	2
16	,	7

nt of assets over liabilities showed a balance of 1117. 17s. 9d.

The statement of assets over liabilities showed a balance of 1111. 17s. 9d.

In reply to Mr. Lawrence, the Charkman stated that the amount of the arrears of calls was about 3001; and Mr. Charkman stated that it not paid they would be put into the merchants hands. Taking all things into consideration, it was likely a call of its per share would be required to wind-up. If they got rid of the claim for a grant of the lease, they would be in a better position.

Mr. Lawrence thought they might sink a winze without trouble. They would know the expense of agency and of six men, and that was all that would be required. He said that much of the lode remained unexplored, and which they had not seen.

Mr. Charkes observed that that arose because, unfortunately, they could not find the lode. He was afraid it had dwindled to nothing between the adit and the 30.

Mr. Lawrence thought, as another month's trial would only cost 40t, which would be but 3d, per share, it would be betty and the specially as it would likewise give the adventurers not then present an opportunity of expressing their opinion. He thought they might depend upon it that this nothingness was only disordered ground.

isordered ground.

Mr. CHARLES did not say the lode might not be found again in depth, but they no confider that the gossan lode is also lost in going down. He was not a chicken-hea

consider that the gossan lode is also lose in going down. He was not a chicken-hearted miser, but in this instance he thought everything seemed against them.

After some further discussion, a call of is, per share was agreed to, payable before March 10, and the meeting was adjourned for a month; steps to be taken in the meantime to prove the Regent lode east, and also by a winze below the addit level. It was understood that, should nothing satisfactory be discovered, the further working of the mine will be attorned.

KELLY BRAY MINING COMPANY.

eeting of adventurers was held at the company's offices, Austinfriars, on Thursday Mr. PETER WATSON in the chair.

Mr. E. King (the secretary) read the notice convening the me

Balance is	st audit .	*********		€ 164	9	5			
Copper or	e sold (thre	e months)		1704	12	9			
Mundic so	1d			45	0	2=	£1914	2	4
Mine cost,	merchante	bills, &c.,	Oct	€ 525	17	0			
10	99	99	Nov			8			
80	99		Dec	597	12 .	2=	1660	19	10
-	**						1000		_

Leaving a credit balance of The CHAIRKAN observed that some explanation ought to be given of the accounts presented. It would be seen that there had been a considerable profit during the past three months. It must be borne in mind that the eastern mine expenses had been from 4001, to 4501, during that period, in addition to which there had been charged about 1001, for pumps, &c. The whole of the profits had been expended upon the eastern part of the mine. The western mine had, therefore, given a profit of something like 5001, to 6001. They had sold ore which had realised about 17001, and the reserves had increased.

The agent's report was then read, as follows:—

pumps, &c. The whole of the profits had been expended upon the eastern part of the mine. The western mine had, therefore, given a profit of something like 5001, to 6001. They had sold ore which had realised about 17001, and the reserves had increased.

The agent's report was then read, as follows:—

Feb. 15.—The 135 has been driven east about 4 fms., which makes the entire length of the drivage 34 fms. east of shaft, through unproductive ground; and we thought is advisable to suspend it, and put the men to drive a cross-cut in the 115 south, in search of the lode which was discovered in the adit. Should this lode be found productive when net with it will greatly enhance the value of the mine, as it is standing whole to surface, and for the entire length of the sett. The above named cross-cut has been driven south 18 fms., 15 fms. of which were driven some Sur or fav years since, and we calculate, if the lode continue the same underlie as seen in the adit, there are from 10 to 12 fms. further to drive to intersect it, which will occupy three months to complete, looking at the present appearance of the ground. The lode in the back of the 75 west is worth 12. per fm. The 70 end, which was named in last week's report, is suspended, owing to the men having taken the ground on tribute. The lode in the 56 west is worth 150 per fm.; there we are opening up a valuable piece of ground, which will be taken away at a good profit to the adventurers. There has been a cross-cut driven south 4 fms. 2 fm. 6 in. in the 55, and intersected the south part of the lode, which we consider is the same part the ore was discovered at in the 55, about 10 fms. cast of the above-named point; the lode is now worth on an average, for 15 fathoms in length, 250, per fm.; and, judging from the dip of the shoot of one in the 45, the same ought to be met with in the 56 in about 6 fathoms further east, which we have every reason to expect it will, as the lode in the bottom of the 45 has a very kindly appearance of the profit of the shoot of one in

including men, women, and children.—S. Janes.

The Chairman said, since the last general meeting they had had a very productive lode in the 46 cast. Some nine or ten years ago there was but one lavel driven east from the engine-shaft, which was the 45. The original proprietors had only driven one level, which was the 45 cast, when they sunk down to the 85, where they first met with the ore ground. It subsequently appeared that the 46 had been driven on the wrong lode. They had now driven some 16 fms. in ground worth 25, her fathom, and he thought he might venture to assert that it would be worth 204, per fathom for 20 sathoms long. During the past three months 15 fms. had been driven. It he had received a letter from the purser of the mine, who stated that the lode, which had been in a disordered state, was assuming its former appearance, and worth 1 too of good ore per fathom, valued at 64, per too, so that it was of much better qualify than to the west of the shaft. Their agents, unlike the reputed character of agents generally, had during the last two years, with one

exception, made estimates below the mark. Their prospects were decidedly better than at last meeting. The lode was gradually improving as they approached the elvan course. The undering of the elvan course very much resembled that at East Rasset; it was precisely in the same position. The whim-shaft would be down from the 50 to the 60 in a very short time, and the cross-cut in the 115 would intersect the lode, from which he anticipated satisfactory results. In extending that cross-cut there was an entirely new lode, in a very easy channel of ground; and as good stosses of ore have been sland in the add level it might be fairly expected that some immediate good would result from its development. There were several important points to come off during the next three mouths. He thought they had better continue in their present state until a discovery had been made further cast. They had laid open some good reserves in the 5 east, and they were only 5 fms. behind that point in the 56. If the same ground were discovered in the 55, of which there could be no doubt, their reserves would be materially increased. The further they drove east the richer the ore became in quality, which arose from the fact that it went through a lead-besting country westward, but passing through many cross-courses, and as it proceeded eastward left the jack or blende. A box of ore from the fact that it went through a lead-besting country westward, but passing through many cross-courses, and as it proceeded eastward left the jack or blende. A box of ore from the actor m mine had been received, and an assay of two parcels of the ore had been made, which produced, respectively, 12 2-10ths and 24 6-10ths per cent.

Mr. Binsex valid it was an acknowledged fact that when copper came in it drove jack or blende away, and that, no doubt, weald be the result in that mine. At the Kelly Bray Mine they were now doing what had been received, and anassay of 2 wop arcsis of the ore had been made, which produced, respectively, 12 2-10ths and 24 6-10ths per c

SOUTH LADY BERTHA MINING COMPANY.

A meeting of shareholders was held at the company's offices. Threadneedie-street, or Mr. WATKINS in the chair.

Mr. T. Fuller (the secretary) read the notice convening the most the last, which were confirmed. The accounts showed—

in the back of the 40. There were 17 men underground, with a kibble-fliler and iandesseven tons of copper ore broken from the adit level had been sampled.

The SECRETARY, in answer to a question from Mr. Stuart, replied that the crusher was in course of erection, the foundation being complete. Referring to the accounts, he stated that their liabilities had been very much decreased since last meeting. The statement did not include the cost of the crusher, although it included the foundation. It would cost about 1007. As soon as the 40 was communicated to the 30, stopes would be set, and then sink to open out fresh ground. The bottoms would increase the value of the mine considerably.

Mr., Joszes said that to properly develope their mine they must sink, drive, cross-cut, and keep the ends alive. If the cross-course could only be touched and find ore in it, that would be the mother of the mine.

The SECRETARY remarked that there were two lodes very nearly together, and it was reported there was a good lode in the bottom of the winze. Capt. Goss thought the adit level. Everything had been carefully supervised.

The accounts were received and passed.

The accounts were received and passed.

The report of the committee being adopted, it was resolved that the 1000 shares in trust should be divided pro rada amongst the shareholders, thereby making the original number 6000. After some discussion, a call of 2s. per share was made, 1s. to be paid within 14 days and the balance within is it weeks, and that a discount of 5 per cent. be allowed if paid before March 1; no transfer of shares to be allowed unless both calls are paid. The committee being re-elected, a vote of thanks to the Chairman terminated the proceedings.

selves for re-election; there was also one retiring auditor, who also offered himself si re-election. He these begged permissions to call attention to the first resolution—"The the accounts these submitted be confirmed and adopted."

The Chairman, in answer to a question from Mr. Robertson as to whether there had been any ores raised and sold, replied that from 10 to 20 tons of ore had been raised, which their captain had very properly refrained from sending home until a larger mass had been sectumalated. No ore, therefore, had been shipped. They had parposely advised his proceeding in that course, for they considered it of the utmost importance to discover what their probable prospects were, in preference to puddling about in getting small quantities of ore, which might deceive proprietors. A letter had been received, which stated that some portion of the lode at the 46 produced good ore.

Mr. Theodrino, in answer to a question, stated that the latter referred to was dated Sept. 22, 1838, and written by Capt. Martin, and mentioned "that they had cut the lode in the 46 to the east of the slide, where it was worth 12t, per fin." This, however, was probably too near the surface to continue any considerable isageth.

The Chairman thought that as their works had so far advanced, and that the machinery would soon be created, there was every possibility of success hereafter. Mr. Theodrino said there was every chance of raising one hereafter; indeed, from the tenor of the report which had been just read, and from his own opinion, there would be one raising directions (Massra W. D. Child, F. O. Thompson, and Major G. L. Way) and the retiring auditor (Mr. W. B. Walson), were then unanimously adopted. The Chairman (Chairman, directors, and secretary, have been unanimously accorded, the proceedings terminated.

WHEAL ADDAMS MINING COMPANY.

ecting of shareholders was held at the company's offices, St. Helen's-place, on y, Lieut. Warson, R.N., in the chair.

The balance of liabilities over assets was 731/, 17s.

The baiance of liabilities over assets was 7311. 17s.

The SECRITARY, in answer to a question from Mr. Cooke, replied that everything had been charged up.

Capt. Moons, in answer to a question from the Chairman, replied that the returns would entirely depend upon the number of men employed. He had never seen any good men on the mine, except a few at intervals, who only remained a short time. They were induced tog o away from better situations being offered to them, where combretable houses were provided.—A SHARBHOLDER said, with regard to the floors, he wanted to know how long it would take laying them down?

Capt. Moons said it depended very much upon the men employed. The floors were now ompleted for the time being, but they ought to extend them. There would be 17 tons of lead ready by the end of the week. It must not be forgotten that he was only taking certain stones of lead out of the blends, until such time as the machinery should be erected.

It tous of read ready by the end of the wear. It must also be a ready and the taking certain stones of lead out of the biende, until such time as the machinery should be erected.

The Chairman: There is an impression, which was alike pernicious and detrimental, that the men employed on the mine had not been paid, to which, he thought, the costsheet was a sufficient answer. The report was that they could not retain more that one or two men on their mine, because they were not paid. The large cost-sheet gainead that ramour, as also that a large amount of surface work had been done. Suppose they put their labour cost at something like 160°, per month, would that (interror, ring Capt. Moore) enable you to go on as you have been for some time past?

Capt. Moons replied that there could be no doubt upon that point the ferrical ployed the average expense would be about 10s. per ton, and 15 mes could by yeeps tons of blende per month. He thought the two winess could be run down: he should like to get down to the 50, and then he would not stop at 90 nor 100 tons of blende per month. The Chairman said that it was desirable for all parties that the mine should at once be again placed in the position which they thought it was fairly entitled to in the minds of the public. He knew that the only satisfactory answer to the damaging reports which had been circulated would be their sampling. It would, therefore, be the better course to allow their captain to do what he proposed, to see what could be done during the next three months, and whether he had got the biende and lead to make returns, so as to place their financial position in a much more favourable light than at present. That was the best way to refute the unfair and prejudicial reports that have been circulated.

After some further discussion, the accounts were passed.

Peb. 12.—Since our last general meeting we have driven the south, or William's, cross-

while bears are constituted as the best constituted by the bear of the bears of the bears of the bears of the bears of the bear of the bears of the bears of the bears of the bears of the bear of the bears of the bears of the bears of the bears of the bear of the bears of the bear of the bears of the bea

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MINING IN JAMAICA.

MINING IN JAMAICA.

WHEAL JAMAICA COPPER COMPANY.—Charing Cross, Jan. 26: Our director, Capt. Cooper, accompanied by Mr. Parry, surveyor and engineer, and the writer, returned from a visit to Charring Cross about a week since, and the report which they were able to make of the present appearance of the mine, and progress of the workings, was highly satisfactory to the committee. The shaft had been sunk flathoms, and been holed to the cross-cut at No. 3, at a distance of 3 fathoms from that level. The timber-ing of the shaft is admitted by every one who has seen it to be a piece of first-rale work-manship, highly creditable to Captain Francis. The lode in the end of the 85 m. level branch of copper or 6 in. wide. There is no doubt in the minds of Mr. Parry and Capt. Francis that this is the main lode. The principal object of Mr. Parry's visit was in conformity with the suggestions of Mesars. Tregoning and Mr. G. B. Nethersole, to go over some dialling at the mine, of which I send the former plan and particulars by the present opportunity. But whilst on the spot, Mr. Parry particularly inspected the road being made by the company between the mine and Retreat estate, which has now been extended two miles out of three and a half to be done. The work is pronounced by him to be excellent, and his opinion on this subject is the more valuable as he is the principal engineer under whose superintendence the grand junction road between the north and soit jides of the island is now being carried out, and nearly completed. The appearance of Grang Cross, in every respect, more than justifies the expectations which the committee have always entertained of that mine, and that prespect of success now almost within its reach.

of C. ring Cross, in every respect, more than justifies the expectations which the committee have always entertained of that mine, and that prospect of success now almost within its reach.

Rio Grande Mining Company.—Jan. 25: Capt. Arthur writes me that he has discovered the lode on Brookdale, No. 5, about a quarier of a mile to the east of where they have been working; and that it is a very promising lode, composed of light blue porphyry, strongly intermixed with green and blue carbonates, and spots of very rich grey ore.

Hope Silver-Lead and Copper Mining Company.—Jan. 25: We have done but little of late in reference to the sinking of the shaft below the 43 fm. level, in consequence of the quickness of the water, but now the vaster being much lessened, we are enabled to sink again with greater case and convenience. The bottom of the shaft is not more than about 7 feet below the bottom of the 43 fm. level at present, but, now I trust we shall be enabled to sink more rapidly in future. The lode in the shaft at the present deepest point reached looks exceedingly kindly; strong, regular, and orcy, producing diver-lead, zink, and copper ores, at times saving work. The shaft is being sunk on the 20 downled of the lode, carrying down with it, or taking away, only a very small part of the lode, also a part of the footwall cover when the sun and affords facilities for sinking. The lode in the 43 continues much has before, producing saving work for allver-lead and zink ores, but no copper ore at present worth the expense of saving out. The stopes in the bottom of the 50 appear much richer for silver-lead and zink ores now than I have seen them from the commencement, and the copper ore in the same place continues down also, with at times little variation in reference to quantity. The stopes in the 20 contain good work for the dreasing-doors. The ground richer for silver-lead and zink ores, but we do not continue operations there regularly, only occasionally, as required for the purpose of raising supplies of work for t

AUSTRALIAN MINES

In consequence of the demand for the Mining Journal having far exceeded our publication of last Satarday, which contained the reports from the several mining companies of Australia, we reprint those of Bon Accord and North Rhine, as numerous applications have been made by shareholders to no for copies of the same:—

North Rhine, as numerous applications have been made by shareholders to no for copies of the same:—

North Rhine, as numerous applications have been made by shareholders to not for copies of the same; as conditions of the same and the same as soon that the same as the same as

OTTOMAN RAILWAY FROM SMYRNA TO AIDIN.

TO THE EDITOR OF THE MINING JOHNAL.

SIE,—With reference to the resolutions of the Stock Exchange Committee, which appeared in this day's papers, I beg to state that, when application was made for a quotation of the shares of this company in the Official List of the Stock Exchange, the directors fully believed that they had strictly compiled with the rules and regulations of that establishment. The number of shares taken altogether, in England and Turkey, was upwards of 50,000, of which. 'the deposit' had actually been paid to the credit of the company upon upwards of 43,000, when the application was made to the Stock Exchange to have the shares placed upon the List. This exceeds the proportion of two-thirds required as a qualification; the total number of the company's shares being 60,000. The directors were under the conviction that the shares of the couractor and of the concessionaires were properly included in the number certified; that they were, in every respect, bons file shares, as much as any others taken by the general public, and entitled to be so regarded, the responsibilities and liabilities of all being alike and equal. From this view, however, the committee of the Stock Exchange dissent, although their printed regulations make no exception to any shares. If, therefore, the directors have erred in this respect, it has been wholly unintentional, and they will lose no time in making the necessary arrangements for complying with the Stock Exchange regulations, and obtaining the replacement of the company upon the official list. The directors are prepared to give the shareholders of the company at the general meeting, which will be held next month, the fullest information, and to explain to their satisfaction every step which has been taken to carry out the objects of the company.

2.81. McLensel's House, Cornhill, Feb. 17. will be held next month, the fullest information, and to explain to their satisfaction every step which has been taken to carry out the objects of the company.

2, St. Michael's House, Corabill, Feb. 17. MacDoNALD STEPRENSON, Chairman.

2, St. Michaels House, Cornhill, Feb. 17. MACDONALD STEPHENSON, Chairman.

RAILWAYS IN CHILL.—The following extract from a letter, dated Copiapo (Chill), Dec. 12, 1855, is interesting as showing what can be done by locomotive power:—"The Sabelion and Channrellio Railway having been completed, the directors of that company, as well as those of the Copiapo and Calders line, made a trip over the road, in order to partake of a dinner at Chanarcillo. This line is intended to be worked by mules, but on this occasion locomotive power was adopted, and the "Tree Funtas' engine, belonging to the Caldera and Copiapo Company, was selected to perform the journey. The weight of the engine with water was 49,000 lbs.; ditto, on driving-wheels, 27,000 lbs.; diameter of driving-wheels, 5ft.; ditto, of cylinder, 13 in.; length of stroke, 26 in. Weight of tender at the time of starting from Sabelion 25,000 lbs.; four passenger-carriages, 16,000 lbs.; and eighty passengers, 12,000 lbs. making a total weight of 54,000 lbs. The party left Sabelion, which is 2193 feet above the sea, at 1:22 r.M., for Chanarcillo, and arrived there, a distance of 27 miles, in I hour 17 min. Thus, with an ordinary locomotive, and a mean pressure of 86 lbs. per square inch, and wheels 5 feet in diameter, a maximum gradient of 244 feet per mile was easily overcome, at a speed of 15 miles per hour." This trial shows what may be accomplished in overcoming great elevations by locomotive power, when the engines are constructed for that object.

The Central Terminus.—The proposition for making Fore-street the

THE CENTRAL TERMINUS.—The proposition for making Fore-street the site for the great central terminus for all the railways communicating with the metropolis is a scheme still quite in embryo. Although the promoters had received so much correspondence on the subject that the advertisement of a general reply in the Times was deemed necessary, we cannot learn that any practical steps have been taken in the matter, "the enterprise being at present altogether in private hands, and no information being yet ready to publish."

Mining Correspondence.

BRITISH MINES.

BRITISH MINES.

ABBEY CONSOLS.—J. Trewin, Feb. 12: The lode in the 20 west, at the eastern engine-shaft, is producing 7 certs, of lead one per fathout, and its of a very encouraging character. The lode in the eastern character. The lode in the color of the latter to value. The stoppes in the back of the 10, wont of the anist of the latter to value. The stoppes in the back of the 10, wont of the anist shaft, are worth 8 crets, of lead per fun. We have intersected the couth part of the north Jode in the cross-cut in the 20, at the western engine-shaft, it is producing some good stones of lead one and blendle, and letting out a great dust of water, which is a favourable inflictation. The stoppe in the latter engine-shaft is it is producing some good stones of lead per fin., and the stoppe cast of the rise we worth 12 everts per fin.

ALFERD CONSOLS.—T. Treasance, T. Hotching, Feb. 16: 'No changes in the 14d and 130 cents of Davey's engine-shaft, as still paint in two branches; the south branch improductive, north branch in little improved, being about 10 facilities with stack engine the control of the part of the control of the con

larger; we shall be drawing some more of it to the surface next week. We thought to have started the engine to-day, bott it will take two or three days longer to finish. I will write to you again as soon as it is started. The ground in the shaft and adit is much the same as last reported.

BHONFLOYD.—M. Barbary, Feb. 11: Settings for February: The deep adit to drive east of the junction by four men, 2 fm., or the month, at 64. 10s.; the lode here is very wide, and apotted with ore. Stopes Nos. 1, 2, and 3, each by six men, 13 fms. each, or the month, at 21, per fm. Stope No. 4, cast of Jame's rise, by two men, 3 fathoms, at 34. 15s. per fm.; the lode in these stopes will, on an average, yield from 25 to 30 cvats of ore per fathom. Four men to rise and stope in back of adit south (to relieve or east Nos. 1 and 2 stopes, 1) fms., or the month, at 11. 15s. per fm. The new aditis going forward by six men and two boys, at 34. 10s. per fm. The surface and dressing operations are as usual. We shipped to-day 20 tons of ore to Sims, Willyams, and Co., per Severs. I may here remark that during the last two months (ending Jan. 30) we have raised and sold 40 tons of ore, realising 6001, at a cost of 343. leaving a credit balance of 257.

BRYNTAIL.—J. Roach, Feb. 17: The 25 cross-cut has been driven to the north wall of the lode, in which there is a small branch of barytes and a little blende, but not sufficient one to value. The lode at this point is precisely the same in character as it is in the 10 directly above it. This level, driving east, on south part of the lode, but not sufficient one to value. The lode at this point is precisely the same in character as it is in the 10 directly above it. This level, driving east, on south part of the lode, but not sufficient one to value. The lode at this point is precisely the same in character as it is in the 10 directly above it. This level, driving east, on south part of the lode, but not sufficient one to value. The lode at the sate of the lode is from 12 to 14 feet wide, an

in two parts by a horse of granite. The north part is 10 in, who, producing somes of yellow ore, and has a very promising appearance. The south part is 10 in, wide, composed of fluor-spar, peach, and spots of ore. The ground at the shaft at present is stiff for sinking.

CARDIGAN CONSOLS.—J. Sanders, Feb. 14: The 20 west is poor at present; this such has been driven on the north part of the tode, and it is now thought advisable to drive a cross-cut to prove the south part of it at this point. In the 10, east of footway shaft, the lode is wide, and still a part of it further south, which it is intended tocut through to ascertain the best part of the lode to drive on, after which the lovel will be continued east as fast as possible towards. Esgain-fraith, where there is a piece of ground about 300 fathoms in length, all in whole ground below the adit. In the 10 west the ground has been unsettled for a great length, but the part of the lode driving on at present being very easy for driving, and letting out a little more water; it is intended to drive a few fathoms further, to see if any change will take place for the better. There is a cross-cut driving south at Fen.-y.—Bwich, where the south part of the lode is laid open from 4 to 5 fathoms in length; this place has been worked on tribute for the last two months, and is now thought advisable to drive a level east in this place, where the lode is looking very promising, and will yield at present about 1 ton of ore per fathom. The stopes in the back of the 20 west will yield at present about 1 ton of ore per fathom. The stopes in length; these stopes are set on tribute. The cross-cut north in adit has been cleared to the end, but the main part of the lode has not been met with in it; I believe there is a part of it still further north, but as the cross-cut to or see prathom. The stopes in the back of the conductive of the conductive stopes are set on tribute. The cross-cut torth in it is believe there is a part of it still further north, but as the cross-cut to or

the bottom of the 12, south of shaft, so as to communicate with the 22 south possible, to ventilate the 22, and at the same time open out stoping ground, the wince is also inaproving, producing from 5 to 6 cwts. of lead per fim, as further improvement. We have about 4 fims more to sink this winze, and the 22 to effect a communication, which I hope to see accomplished in about The foundry poople have promised to get the crusher and drawing-mach plunger-lift of purps sent to Cardigan by the early part of next week. CARVANNALL.—W. Roberts, Feb. 15: There is no alteration worthy or reported for the meeting on Feb. 7.

CASTELL.—F. Evans, Feb. 12: We are getting on speedily with the cr COLLACOMER.—S. Mitchell, Feb. 15: During the last week the rise is

CASTELL.—F. Evans, Feb. 12: We are getting on speedily with the cross-cut. COLLACOMBE.—S. Mitchell, Feb. 15: During the last week the rise in back of the 44 west has been put up 2 fms.; the lode is composed of quarts, prian, and about 2 tons of rich capper ore per fathom for the length of the rise—8 feet. There is no alteration to notice it the drivages. The pitches throughout this mine look well. The following pitches were set on Friday:—Burrow's, in the 72, at 2s. in 14.; Henwood's, in the 62, at 4s. in 14. Will's, in the 62, at 4s. in 14. Burknell's, in the 62, at 5s. in 14. Huggins's, in the 40, at 5s. in 14.

CRADBOCK MOOR.—Henry Taylor, J. Taylor, Feb. 12: Vercoe's Lode: The winze below the 62 is worth 1½ ton of ore per fm. The 62 west produces stones of ore, but not of sufficient quantity to value. The 72 west is worth 3 tons of ore per fm. The 4 west is worth mill 1 ton of ore per fm. of ore per fathom.—Vivian's Lode: The 2 worth 10½ ton of ore per fm. The 72 west is worth 3½ tons of ore per fm. The 72 west is worth 3½ tons of ore per fm. The 72 west is worth 3½ tons of ore per fm. The 72 west is worth 3½ tons of ore per fm. The 72 west is worth 3½ tons of ore per fm. The 72 west is worth 3½ tons of ore per fm. CRAYEN MOOR.—Wm. Barron, Feb. 12: Since my last there is nothing new. Our workings continue much the same. No. 2, Hardgate end vein, 47 fms. west, roofs online good. No. 4, 47 fms. east, stopes continue good. No. 5, 36 fms. west, continues hard, only poor. No. 7, 37 fms. west of Derby shaft, poor. A No. 9, 42 fms. saxt of Sing's sump, we re-opened the cross-cut, and it is left short of the Gin shaft vein 4 or 5 fms. We commence operations there on Monday. No. 1, Longthorne's vein, 42 thoms west, drift continues hard. No. 2, 42 fms. east, no change. No. 3, 42 fms. west, roofs open. CROWLWM.—James Roach, Feb. 16: The lode in the level driving west from the

No. 4, 30 ms. west, stopes only poor. No. 6, 30 ms. west, opening drift, good ore. CROWLWM.—James Ranch, Peb. 18: The lode in the level driving west from the ver is still very promising, and yields fine specimens of ore; this week a slide has been net with, which dips west towards the grit-stone; indeed, the prospects exceed my exectations. At present there is every indication of the lode being found very productive — Feb. 17: the lode is looking well, and, as I have before said, we shall have a plendid mine in a short time.

pectations. At present there is every indication of the lode being found very productive.

— Feb. 17: the lode is looking weil, and, as I have before said, we shall have a splendid mine in a short time.

CROWNDALE.—James Richards, Feb. 16: The lode in the pitch in the bottom of the 30 is worth 2½ tons of ore per fm. In the 30 west, on the south lode, the lode is showing improvement, and is worth ½ ton of ore per fm. In the rise in the back of the 30 is worth 2½ tons of ore per fm. In the rise in the back of the 30 is look of the 10 the lode is very promising, though only worth ½ ton per fm.

CUMBERLAND BLACKLEAD.—J. Dixon: We continue to meet with good wad from the upfield end of Williams's pipe, which promises to open into a large body. It will afford me much pleasure to inform you that is the fact. Hastings's pipe prefents the most flattering appearance; there is no knowing what a day may bring forth of a valuable discovery. We are opening the silver-lead lode, which looks well

CWM SEBON.—J. Boundy, Feb. 12: The ground in the 70 end east at present is spare for driving, the lode is much of the same character and value as last reported, worth for lead 10 cwts. per fm. The lode in the 70 end west is acain become more regular and compact, but poor at present. The lode in the 50 end west is acain become more regular and compact, but poor at present. The lode in the stopes in the back of this level is without alteration to notice since last reported. The lode in the 60 end east, which is 18 in. wide, and much of the same character and value as when reported on last, is worth 5 cwts. of ore per fm. The stope over the back of this level, east of winne, is worth for lead 6 cwts. per fm. The ground in the winne sinking below the 60 east, is much the same for exploring; no lode has been taken down. The 30, driving east on the north lode, is at present 20 in wide, and looking more promising than I have seen it for some time time past. We have cut a branch in the 20 cross-cut, it is composed of fluor spar, sulphur, copp

indicates what we may expect when we get to the other side of a bed or rider of stone, through which the cross-cut is now passing. The tribute pitch in back of the 20 is yielding some good ore.

DEVON AND CORNWALL UNITED.—T. Neill, Feb. 15: In the 40 there is no change to notice. In Bastard's level cast the lode is large and promising, producing stones of ore, with a large stream of water issuing from the end. We are sinking a winze in the bottom of the stope in back of Bastard's level, for the purpose of more convenience in stoping the ground; the lode in this winze is 6 ft. wide, and worth 8 tons of ore per fin. In the midway east the middle lode continues very promising, producing good stones of ore, and in very favourable ground; the two stopes in the back of this level, as we drive west of the cross-course, the lode assumes a more promising appearance: in the stopes cast of the winze, in the bottom of the level, the lode is 3 feet wide, and worth from 3 to 4 tons of ore per fin. In the stopes in the back of this level did in the stopes cast of the winze, in the bottom of the level, the lode is 3 feet wide, and worth from 3 to 4 tons of ore per fin.

DEVON BURRA BURRA.—W. Clemo, Feb. 16: The lode in the shaft sinking in the brake is 6 ft. wide, composed of strong capel, mundic, quartz, and stones of yellow ore. The down is down 3½ fins., and I think we may be able to sink 6 fms. before cutting water, by which time we shall be in a position to speak with some certainty as to the likelihood of its making ore in depth.

DEVON WHEAL BULLER.—F. Bennetts, jun., Feb. 16: At our setting on Friday last the following bargains were let:—The cross-cut, to drive south of the engine-shaft in the 50, by three men and three boys, at 37. 10s., per fm.; the lode is 2 feet wide, composed of capel, spar, peach, mundic, and concess of coper ore. The 35, on the old lode, to drive west of the cross-cut, by four men, at 37. 10s. per fm.; the lode is about 15 in. wide, composed of spar, pach, mundic, and concess of coper ore. The 3

rect a machine on a large scale at once.

EAST ALFRED CONSOLS.—Henry Skewis, Feb. 17: Painter's engine-shaft is sunk
fuss. under the 40; the ground is more favourable than it has been for some time past.
he lode in the 30 is much the same as when last reported on. The north lode in the
o west has a very promising appearance, producing copper and blende; we have been
arrying 4 ft. of it, but have suppended the end for the present, to drive to cut the south
rail. No other change to notice in any part of the mine since last report.

wall. No other change to notice in any part of the mine since last report.

EAST CARN BREA.—T. Glanville, Feb. 15: The 14 is extended 18 fms. west of the engine-shaft; lode on an average 18 in. wide, composed of gossan, green carbonate, red oxide, and gray ore. In the present end the lode is 18 in. wide, of gossan and ore, yielding 1 ton of the latter per fm. The 14 is extended east of the shaft 38 fms. 3 ft.; lode on an average about 20 in. wide, composed of gossan, spar, and ore, and which is opening ground that will be taken away at a moderate tribute. In the present end the lode is disordered by a cross-course. The engine-shaft is down 12 fms. 2 ft. below the 14, sinking in a beautifal white elvan. We have not yet taken down the lode in the last 3 fms., but intend doing so the latter part of this week. It is my firm opinion that we have only to open ground to make this a first-rate mine.

EAST CRINNIS.—J. Dale, J. Tredinnick, Feb. 15: The lode in the 112, east of Smith's shaft, continues to look well, and will produce 3 tons per fm. The lode in the 100 east

hairs Nis.—3. Date, 3. Trediminer, reb. 1a: The lode in the 112, east of Smith's nuclea to look well, and will produce a tons per fin. The lode in the 100 east large, and will produce $1/\frac{1}{2}$ ton of ore per fathom. The stopes in back of the ill produce 1 ton of ore per fathom. The stope saft from footway winze will ton of ore per fin. The stope in back of the 100 will produce 1 ton of ore 1 a quantity of mundic. We have holed the winze to the 112, which has ventilation; we shall now commence to stope the back, which will yield on about 2 teems of ore per fin. Smith's shaltznen are still preparing for the flate utmost dispatch.

rod with the utmost dispatch.

EAST GUNNIS LAKE AND SOUTH REDFORD CONSOLS.—J. Phillips, Feb. 15: The lode in the 75 west its 3 ft. wide, and worth from 1 to 2 tons of ore per fathom. The stopes in the back of this level are worth 2 tons, and in the 49 west 2 tons per fm. The lode in the 36 east (in killas) is worth 3 tons per fm.—South Lode: The lode in the 36 east is 2 ft. wide, and worth 1 ton of ore per fm.—Other parts of the mine as last reported.

EAST EOSEWARNE.—J. Delbridge, J. James, Feb. 12: We have an improvement in the ground in the 43 cross-cut, and yielding more water than usual. In the 29 east the lode is 3 in. wide, a very good branch of ore. In the 22 north the ground is much as usual, and the caunter branch is 15 in. wide, yielding a little silver ore. The 22 rise, on the caunter branch, is yielding some good work for silver. In the 12 east the lode is yielding some good copper ore. The new north shaft is sunk to shole adit; we expect on Tuesday next to sink below it. We purpose sampling the silver ore on the raine on Wednesday next, which will be about 1 ton in all.

EAST WHEAL EUSSELL.—J. Goldsworthy. Feb. 11: We have not as yet cut the

Wednesday next, which will be about I ton in all.

EAST WHEAL RUSSELL.—J. Goldsworthy, Feb. 11: We have not as yet cut the lode in the 88 cross-cut east; by the indications and the strings of ore we have net with, I believe we are close to the lode, and I hope I shall be able to say in a day or two that we have it, and a good one. Nothing new in any other part of the mine.

— J. Goldsworthy, Feb. 12: I believe that we have cut into the wall of the lode in the 88 cast end cross-cut; the wall looks very kindly, with good one. I shall not be able to say anything further as regards the lode or its prospects before Wednesday. We have merely cut into a small place, which will take us till Wednesday to quare the ground into the wall, before we shall be able to cut into the lode. No other change in the tutwork bargains or tribute pitches.

have merely cut made a small, punched and the lode. No other change in the tutwork bargains or tribute pitches.

— W. E. Commins, Feb. 12: Capt. Goldsworthy informed me this afternoon that in his opisisesthey had just pricked the south wall of the main part of the lode. I will write you by Monday's post.

— J. Goldsworthy, Feb. 15: The end in the 88 cross-cut is not yet aquared up, consequently no more of the lode has been seen since my last. To-morrow, however, the mea will commence cutting into the lode, which, from the present appearances, will take three or four days more to enable me to speak of its prospects and value. There is no other change in the mine worthy of notice.

— J. Goldsworthy, Feb. 18: There has not been anything further seen of the lode in the 38 sait end cross-cut since I workey you yesterday; the wall of the lode is of the most promising character. There will be no time lost in cutting into the lode. I am pleased

to say that there is a great improvement in the lode in Tour's pitch, in the back of the 64, west of the point of junction. This lode appears to have gone back in whole ground, going west; if so, it will be of great value to the mins. I shall be able to speak more fully on this point in a day or two. No further change in any other part of the mins.

J. Goldsworthy, Feb. 17: We have cut into the lode in the 38 east end cross-out from 3 to 4 feet; the lode, as far as it has been cut, is composed of capel, prian, grey, eathers are 66, west of the point of junction. This toke appears to have gone back in whole ground, going west; if so, it will be of great value to the mine. I shall be able to speak more fully on this point in a day or two. No further change in any other part of the mine.

— J. Goldsworthy, Ph. 17: We have cat into the lode in the S8 east end cross-out from 3 to 4 feet; the lode, as far as it has been cut, is composed of cagel, prian, grey, yellow, and black coprer ore—a due locking lode; when it is cut through it will enable me to speak of its character and value, which there shall be no time loat in doing. The stope in back of the 88, east of Benney's rise, it sworth from 101, to 121, per fm. Homersham's shaftmen are making fair progress in sinking below the 86; good progress has also been made in the cross-cut morth of Hitchina's shaft. There is no change in the 78 end to notice since last reported on. The lode in the rise in back of the 86 is without change to notice. The lode in Tom's pitch in back of the 68, west of the point of junction, is worth 407, per fm.; this is a great improvement, and by its appearance it will be found to be of great value, being game back west in whole ground, which we have proved to be standing to the north of the drivage and west of the point of junction; in driving the end the lode was about 5 ft. wide, and to the north here was a wail of killas, which at that time was thought to have been the north wall of the lode. As soon as the tributers get into a stall we shall at ones commence driving on the lode west. There is no change in any of the other pitches to notice,

EAST WHEAL FALMOUTH.—W. Hancock, Peb. 15: The ground in the engineshalt is just as at his been for some time past, sparse for sinking; we hope to get it down 11 fms. below the 30, and to commence to cut plat this month. The 30 west, on Chemali's lode, are improved, and will produce about 9 cwis. of lead per fathom on the average; I hope by Friday next to resume the driving of the 20 end on this part of the londs. In the 20

from 8 to 7 ft. wide, and worth 10% per fathom. No change in any other part. GERNICK.—J. Barratt, Feb. 15: The lode in the 36 end, being driven east from flatrod shaft, is divided by a horse; the south part, under the headwall, is 6 ft. wide, composed of quarts and mundle; the north part, on the footwall, is composed of quartz, a
little dark elvan, and a little copper ore; the breadth of this (north part) is not known
at present, as a piece of the lode is standing on the footwall; this part has a very promising appearance, and producing ore throughout.

GREAT CARADON AND SLADE.—S. Gregory, Feb. 10: We have cut the lode in
Bisdee's engine-shaft at the 40, and it is greatly improved from the adit level, full 3 ft.
wide, composed of mundle, impregnated throughout with yellow copper ore, prian, peach
clear watery quartz, and good solid stones of yellow copper of a high produce. We are
driving east and west on the course of this lode, and I think of driving a siw fathoms or
each noint, exercicilly west, as we must in a few dichoms or
each noint, exercicilly west, as we must in a few dichoms or
each noint, emperially west, as we must in a few dichoms or
each noint, emperially west, as we must in a few dichoms or

clear watery quartz, and good solid stones of yellow copper of a high produce. We are driving east and west on the course of this lode, and I think of driving a few fathoms on each point, especially west, as we must in a few fathoms get under the branch of ore in the adil level; this lode carries a very encouraging feature. I hope in a few days to commence a cross-cut from the bottom of the engine-shaft to intersect the north lode, which will take about from 4½ to 5 fms. driving; this lode was intersected by a cross-cut from the adit level, it was full 9 feet wide, composed of quartz, can, prian, peach, green carbonate of copper, solid prilis of yellow and coated ore, and the whole lode is all but saving work. I am very anxious of seeing this lode at the 40, and I hope to complete the driving in about a month. After proving the lodes at this point we shall push the shaft with all possible speed 20 fms. deeper. We have had many inspectors this last week from private sources to inspect our mine, and they all congratulated us, saying that we should shortly be ranked with the first-class dividend paying mine; and I am happy to say, seconding to present appearances, I have every reason to believe we shall I hope to give you good news in my next, as the lode is improving every foot we drive.

GREAT CARADON.—F. C. Harpur, Feb. 16: We are progressing at the mine very favourably. The shaft is again free from water. During the week we have been engaged in fixing timber and securing the same. I hope to see all complete by to-morrow evening, when I hope to sink some distance before we shall again be interrupted by cutting and fixing timber. We are raising stone for the shops; and the masons will commence building on Monday.

GREAT ONSLOW CONSOLS.—G. Rickard, Feb. 16: We have taken down a portion of the lode in the immediate end in the 87 west, which is composed of quarts, mundle, peach, and compend to the lode in the immediate end in the 87 west, which is composed of quarts, mundle, peach, and compendent.

EAT ONSIDW CONSOLS.—G. Rickard, reb. 18: We have taken down a portiol lode in the immediate end in the 57 west, which is composed of quarts, mundle, and copper ore. The latter is produced in sufficient quantity to save. An imment has taken place in the lode since last taken down. In the 107 west we havected the cross-course. In the 107 east the lode is very large, composed of quart mundic, spotted with copper ore. This end being extended beyond any of the levels, it may now be considered to be in whole ground, the proving of which cortains.

is important.

GREAT TREGUNE CONSOLS.—J. Spargo. Feb. 18: There has been but little dom
this last day or two in the 70. The late flood carried away part of the leat that leads to
the large water-wheel, but I am happy to say that the water will be in fork again by this
evening. There has been no material alteration in the lode since my last, and we are
now taking down the lode in the 60, which is producing some good ore. We have at
surface, dressed and undressed, about 3 or 4 tons of ore, of as excellent a quality as any in
the county.

GREAT WHEAL ALFRED .- W. Bugelhole, Feb. 12: The skip-road is made ete to the 200, and the men have commenced driving west in this level; the lode is a same in width and value as last reported (300, per fathom). The lode in the 190 st is much improved; lode 3 feet wide, worth 121, per fathom. No change to notice any other part of the mine since last report.

east is flucta improved; note a react wine, worth 12; per sations. So change to notice in any other part of the mine since last report.

GREAT WHEAL BUSY.—J. Nancarrow. Feb. 12: The lode in the 110, east of Harvey's, is 2 ft. wide, and worth 71, per fin.; going west at this level it is disordered and upproductive. In Fielding's shaft we have a lode about 1½ ft. wide. We have cleared the stuff accumulated about Offord's shaft at the 100, and the men will commence cut-ting plat there next week. The skip works admirably on the new piece of road in that shaft. In stoping the back of the 100 end west we have some very good work for tin. In the past week there has not been much lode taken down in the 100 east; it is worth 20, per fin. The lode in the 50 east is 16½ ft. wide, and will produce II tons per fin. worth 51, per ton, or 551, per fin. We are drawing the water out of a bottom sunk below the 80, but before this end, and hope to see the lode there in a fiw days. There is a large orey lode in the 50 west, but not yet of much value. At the western mine, the ground we had to cut in Reid's shaft for dropping the lift, and especially in the bearer holes, heigh harder than was anticipated. We have not yet been able to drop the lift, but we shall do so on Tuesday or Wednesday, but even at the depth we are now this engine gives us most effectual relief in the water at Wheal Busy. Robert's shaft is cleared 12 fms. below the shallow adit. The balance-bob pit and stand are finished, and the new coal-yard progressing fast.

GREAT WHEAL VOR UNITED,—Thos. Gill, Feb. 16: The lode in Metal engin

troub-vein, and I intend to begin to rise next week to see the limestone.

HAWKMOOR.—J. Richards, Feb. 14: The lodes in the 60 cast is 2½ ft. wide, and has become very wet this last week, which is a very favourable indication for copper. The 60 end west is without change since I wrote you last. In the 50 cast the lode is producing some good yellow ore, and the leader part is becoming larger. The water is troublesome in the winzs staiking in the bottom of the 40; I hope to hole to the rise next week. In the 40 cast we have been driving by the side of the lode, which has a good appearance, and is worth 2 tons of ore per fin. The stope in back of this level has been lengthened 8 ft., and has rather improved than otherwise, worth 5 tons of ore per fathom. Our pitches are producing good work for ore. I have 45 tons already dressed, and am sending it to quay, and hope to have a starge a quantity as I reported has week. At

HINGSTON DOWN CONSOLS.—W. Richards, Feb. 16: The lods in the 110, west Morris's shaft, is from 5 to 6 ft. wide, and is worth all of 3 tons of one per fm. In the 90, west of shaft, the lode is 5 ft. wide, and will yield from 4 to 5 tons of good ore per fm. Other places continue without material alteration.

fm. Other places continue without material alteration.

HOLMBUSH.—N. Seccombe, Feb. 15: In the cross-cut south, from the 145 west, no other part of the lode has yet been discovered; the stopes in the bottom of this level are producing 1½ ton of ore per fathom. In the winze sinking in the bottom of this level are producing 1½ ton of ore per fathom. In the winze sinking in the bottom of the 145, west of cross-course, but little has been done in the past week towards sinking, the men having been engaged in casing down the winze, putting in timber, footway, &c. The lode in the 169, east of diagonal, has not been taken down; but, judging from the appearance of the lode, it will produce from 1 to 2 tons of ore per fm. . It stopes in the back of this level are yielding fail 1½ ton of ore per fm. In the 160, west of the diagonal, there is no change of importance; the lode continues of good size, and producing a large quantity of arsenical mundle, with occasional spots of ore, but not of any value. The diagonal shaft is not yet commenced sinking. In cross-cutting east through the lead lode in the 132 south, we find the main part of the lode to be about 3½ ft. wide, composed principally of diour-spar, spotted with lead, and another cross-cut will be commenced further north. In the end west, on the flapjack lode, and in the other cross-cuts now driving, there is no change to notice.

LADY BERTHA.—J. Metherell, Feb. 18: The stopes in the back of the 30, east of

cuts now driving, there is no change to notice.

LADY BERTHA.—J. Metherell, Feb. 16: The stopes in the back of the 30, east of Carter's winze, will produce about 3 tons, worth 151, per fm. I have taken the men from the end and put them to stope the back west of Carter's winze, which will produce 6 tons, worth 241, per fm. In the 30 cast we have commenced to take down the lode. No other alteration throughout the mine since I wrote you for the meeting.

LEWIS.—W. Blabop, W. Martyn, Feb. 15: We have no change to notice this week, except in the winze sinking under the 110, on the south lode, which is worth 301, per fathom, and down 5 fm. As soon as this winze is communicated to the 120 increased returns may be calculated on.

LLYWERNOG UNITED MINE.—J. Hughes, Feb. 14: The 10, driving east from the boundary shaft, looks very promising, with a good course of ore that will produce about 10 cwts. of lead and 6 or 7 cwts. of blende per fathom; this level is driven through good ore ground for upwards of 10 fms., and improves as it goes eastward; the lode here is upwards of 2 fest wide, and the ore is likely to hold on under the Bog, where we expect to meet with a great body of lead. The tributers working on the back of this level are doing well. At the Llywernog old mine, the winze and stope in the bottom of the 15 will produce 16 cwts. of lead per fm., and improving in going down; the water in this winze to rather quick for slaking, and the men know, from old reports, that the 25 was driven under it: and when the water was farked the other day from the 25, the men went down and measured the proper distance from the engine-shaft, and finding very good ore in the back they commenced rising to the winze in the bottom of the 15, taking good ore in the back they commenced rising to the winze in the bottom of the 15, taking good ore in the back they commenced rising to the winze in the bottom of the 16, taking it for granted they were on the same lode, which proved by dialiling not to be the case, the lode is the 25 being about 5 ms. to the north of the lode in the 15, with a confravy underlay, so that here we have two lodes running nearly parallel to each other, with excellent ore in both.

MERILYN.—W. Sandoe, Feb. 16: The part of the lode in which our sump is going down, in bottom of the 16, has for the whole sinking been thickly impregnated with lead ore, the small stuff of which we save for dressing; the lode has a most promising appearance, and will I have no doubt lay open some good ore ground for stoping away. Our surface shaft in the wood continues to yield good work for dressing, and is opening out some stoping ground, which may be taken away at a profit to the company after the shaft is sunk to the level below. I have no other bargai

Inc sun string is without change. The cross-cut continues casy, and driven from the level 4 fathoms 4 feet.

NEW CROW HILL.—I have set two pitches on tribute, which are producing lead, mundic, and blende ores, each at low tributes of Sa., 7a., 10a., and 12a. in 1/a.; working by six men. The 3 tons of bleade raised last month is waiting for shipment. Some men are employed in the adit level.

NEW TRELEIGH CONSOLS.—J. Prince, Feb. 16: The lode in Carr's engine-shaft is 3 ft. wide, and worth 184. per fm.. The tribute pitch is worth 201, per fm., and the men are earning good wages at 6s. 8d. in 1f. The lode in the 60 east is worth 101, per fm., and pro-pocts good. No lode taken down in 60 east. The rise in 60 east is correctly holed to the wings in the 30, which ventilates this part of the mine effectually, and the men will begin to stope the lode and raise ores. I should have remarked that in the 60 west we borde a hole south from the cross-ceut, and discovered nothing of importance. The 50 is being driven on course of the lode, which is now 18 in. wide, containing good stones of ore. There is no alteration in the 40 winze. The 50 or ore the next should have textending north at this level to the west of the great cross-course is in good ground, and several good branches of ore are net with; they are approaching each other going west, and will, no doubt, form a good lode a few fms. from the great cross-course. I consider the prospects, on the whole, to be good.

form a good lode a few fun. from the great cross-course. I consider the prospects, on the whole, to be good.

NEW WHEAL VADDON.—P. Floyd, Feb. 16: We have not yet cut the standard lode in the cross-cut (through the elvan course), in the 12, south the shall all the prospects of all the prospects of all the prospects of all the prospects of all cut the lode under favourable circumstances; the indications are very encouraging. We have communicated the 20, west from engine-shaft, with Mildrum's shalt, which has opened 35 fathoms of ground, that will set at moderate tributes. We shall now proceed to clear the level and take down the lode, which is desured for 7 fms., and from what we have seen of it we have little doubt of finding it productive. In our next report we shall be enabled to speak more fully of it. At the new shaft, our operations have been interrupted by surface water. Here we have been driving the 12 west, on the Tolvadden lode, at 12s, per fathom, and 10s. in 11. tribute, 10de 3½ feet wide, saving work for tin, and strong indications for copper. The sinking of the shaft is suspended by the same means, but we expect to recommence operations shortly. So tribute pitches are looking well, and the men getting fair wages. The incessant rains we have experienced here during the last month have made the ore floors in such a muddy state as to render it desirable we should wait for dry weather before sampling, which we purpose to do about the middle of next week, when you shall be put in possession of all particulars. Our sampling-house is completed, and all other work going on satisfactority.

purpose to do about the middle of next week, when you shall be put in possession of all particulars. Our sampling-house is completed, and all other work going on satisfactorily. NORTH BASSET.—Thomas Gianville, Feb. 16: We have sold to-day tin cross for the amount of 1121.9s. 10d. There is no alteration to report on in the mine this week. NORTH DOLCOATH.—W. C. Vivian, Feb. 16: In the deep adit level, east of Vivian's shaft, we have intersected a cross-course, composed of a beautiful quarts, and a large proportion of mundic in a highly crystalline form. With the exception of its direction, it has more the character of a lode than a cross-course, and we think it likely to be highly argentiferous. In deep adit level, west of Vivian's shaft, the lode is increasing in size, and presents a very favourable appearance for becoming productive of copper ore. A winze-tackle is being fixed and a ladder-road placed in the shaft on the Dolcoath silver course, the deep adit, east of Vivian's shaft, are producing girls argentiferous gossan. The stopes in back of the chalous duit, east of Vivian's shaft, are also producing silver ore of rich quality. We sampled yeaterday 20 tons 10 ewts. of argentiferous gossan, and hope to get the samples assayed either to-day or to-morrow, and will then forward you the result. NORTH FRANCES.—J. Moyle: Eales's shaft, is slinking under the 72, by nine men, at 131, per fathom; the lode is 2 ft. wide, composed of spar and peach, unproductive, from the productive states of the shallow shaft, and productive, ground easy for driving. The 67 cross-cut, west of Eales's, is driving by four men, at 48s, per fathom; the lode is 4½ feet wide, composed of soft spar and peach, unproductive, ground easy for driving. The 67 cross-cut, west of Eales's, is driving by four men, at 48s, per fathom; the lode is 4½ feet wide, composed of soft spar and peach, unproductive, ground easy for driving. The 67 cross-cut, west of Eales's, the wide produced the produced law of the shaft benefits of the shaft benefits of the

a number of years, and we find stulle gone down and shafts run in places. The mine is shallow, and will take only a short time to clear them, when we expect to let tribus pitches at once. The prevailing opinion of the mine hereabouts appears a very good one. NORTH MINERA.—T. P. Thomas, Feb. 18: Dunn's level is progressing most satisfactorily; the end is composed of a beautiful apar and timestone, with spots of load, and we expect to intersect a lode daily. Pugh's level is a little casier, and the end is now in shale, with leaders or branches of ore, and similar in every respect to the top or back of the flat in Pugh's shaft, but in driving this level we shall prove the same, which is an unportant point. Thomas's level is now clear, and the railroad completed; but the end is very hard, and excessively wet, a good indication of being near a lode or lodes; the cross-cut from the above level is driving with all speed, and we expect soon to besupde the ore ground seen above. We have set another cross-cut or level from Thomas's about to come in at the castern end of Lloyd's working, which will lay open a large body of ore ground. The road is being made, but we have had several slips, which retarded its completion. On the whole we are looking very promising, and in daily expectation of making discoveries in depth, in addition to laying open dry the discoveries already made. I have just returned from inspecting the mine.

NORTH WHEAL BUSY.—W. Crase, Feb. 16: In drawing the 30 west from flat-rod shaft, Painter's lode is opening larger, and discharging an increase of water, and have a much better appearance than when it was intersected in the cross-cut. The lode in No. I stopes, in the back of the 15, is 2 ft. wide, worth 121, per fm. We have commenced sinking the western shaft below the 16, on Painter's lode, by six men, where I have no doubt valuable ground will be laid open, which will enable us to increase our returns. There is no change in the south cross-cut, and the south part of the lode, the lode is 18 in. wide, dic, killas, and quartz, spotted with ore. The cross-cut is being continued north to accrtain if any other portion of the lode is in that direction, before driving on its course. In the 30 cross-cut south, on the eastern cross-course, the ground is also easy for progress. In the 30 cross-cut south, on the eastern cross-course, the ground is also easy for driving.—Trial Shaft: At the 52 the trip-plat, and other necessary arrangements preparatory to deeper sinking, are in a forward state, and we hope to complete them in the course of another fortnight. Gorman's wines is down sufficiently deep for a 52; the lode in the bottom is worth 2 tons per fm. From the bottom of this wines (Gorman's) the 52 has been let to drive both east and west, and the lode is worth 2 tons of ore per fm.—Scott Lode: In the 42 cast the lode is unproductive. The lode in the stope in the back of the 42 west is worth 1 ton of ore per fathom.

OLD TOLGUS UNITED.—G. Reynolds, Feb. 15: The ground at the shaft is much

lode is unproductive. The lode in the stope in the back of the \$2\$ west is word, I for of ore per fathom.

OLD TOLGUS UNITED.— G. Reynolds, Feb. 15: The ground at the shaft is much the same as it has been. The ground is much improved in the \$42\$ cross-cut. All the other departments throughout the mine are much the same as when last reported.

OKEL TOR.—W. B. Collom, Feb. 17: In the 50 east the lode is at present best towards the bottom part of the end, where the ore is \$2\forall R\$. Wide, and very good for this size. In the 50, driving west, the oney part of the lode is 2 feet wide; for the present but little can be done in driving here, as the air will not permit. This place will, however, be ventilated by the driving here, as the air will not permit. This place will, however, be ventilated by the driving here, as the air will not permit. This place will, how he lode by the heat of the lode by the side of the lode by the heat of the lode by the side of the lode by the heat of the lode bere showed that it was improving, being composed of yellow and black copper row, muntic, and quartz. This sand will be under the winze by the middle of another month. In the 30 north and south the ground is favourable for driving in. To ascertain the value of the or recently discovered in the 50, about 6 tons of it has been dressed and assayed by Mr. Jenkin, of Callington:—No. 1, 2½ tons, produces 3½ per cent. fine copper: No. 2, 3½ tons, produces 3½ per cent. fine copper: This will make an average of 5½ per cont. and is worth 51, per ton. We are expecting a vessel up to ship off a cargo of muddic.

PEDN-AN-DREA.—J. Carpenter, T. Delbridge, J. Thomas, Feb. 19: Lu the 100, eat

PEDN-AN-DREA.—J. Carpenter, T. Deibridge, J. Thomas, Feb. 12: In the 100, east rom the engine-shaft, on engine lode, the lode is large, and producing stamping work

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SOUTH DOLCOATH AND CARNARTHEN CONSOLS.—Wm. Roberts, Feb. 15:

THE MINING JOURNAL.

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south Dollocath And Carnage to notice.

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South Dollocath And Carnage to notice.

South Lady Bertha.—W. Goss, R. Unsworth, Feb. 17: the 40, set at 21. 5s. per fin. on the cross-course south, is composed of finor-spar, and strings of rich copper one. We are of opinion this will soon be a rich course of copper ore. The 30 is cleared; in the eastern end we have cut a lode 2 ft. wide, containing rich stones of black and yellow ore. From the present appearance we shall have a course of ore before long. In the bottom of this level a winze is sunk, which will form a communication with the 40, and open up good tribute and stope ground. The lode in the 30 east being the same as I could judge, from 5 to 7 fathoms wide, containing lead of lowish quality and open up good tribute and stope ground. The lode in the 30 east being the same as I could judge, from 5 to 7 fathoms wide, containing lead of lowish quality and open up good tribute and stope ground. The lode in the 30 east being the same as I could judge, from 5 to 7 fathoms wide, containing lead of lowish quality and beind, which is principally about and above the 28, driving cross-cuts west to intersect between the containing lead of lowish quality and been dependent of the same as I could judge, from 5 to 7 fathoms wide, containing lead of lowish quality and beind, which is principally about and above the 28, driving cross-cuts west to intersect between the containing lead of lowish quality and been dependent on the same as I could judge, from 5 to 7 fathoms wide, containing lead of lowish quality and beind, which is principally about and above the 28, driving cross-cuts west to intersect between the same as I could judge, from 5 to 7 fathoms wide, containing lead of lowish quality and beind, which is principally about and above the 28, driving cross-cuts west to intersect the same as I could judge, from 5 to 7 fathoms wide, containing lead of lowish quality and beind, which is principally about and above the 28, driving cross-c

WHITPORD.—W. Sandos, Feb. 16: We still continue to drive our level south results of cross-cut, but have now got very near the boundry in this direction. For the last 2 fms. driving the ground has been disordered, and we have crossed soveral strong branches taking into the north and south lode, some of which have produced good stones of lead ore; so that in the course of a day or two we shall reach the boundry driving south. I intend putting the men to drive weet, to follow those branches through the north and south lode, which I hope will be attended with good results.

CONDURROW MINE.—Capt. N. Vivian's report, under date Feb. 9, concludes—"We have had a full supply of water for the stamps, but during the time it was slack we stamped all the best work, and have found the remainder very poor, but there is a large quantity stamped and prepared for cleaning, which will be available against the next meeting, but we will not disguise the fact that our tin ground is not so productive. The principal pitches, which yielded for a long period a great quantity of tin, are now comparatively poor, so that we cannot estimate at the present price more than 8004. or 9004. worth in the two months; but the failing off in the tin will be more than compensated for by the increase in the copper ore."

Street of the same

MINING NOTABILIA.

WHEAL BASSET sampled, on Tuesday, 292 tons copper ore, valued at 22001. EAST WHEAL BASSET sampled, on Tuesday, 162 tons of copper ore,

GRAMBLER AND ST. AUBTN sampled, on the 9th inst., 124 tons copper

DRAKE WALLS sold Jan. tin ores on Saturday last, which realised on an rerage (for the 18 tons) 751. 3s. 9d. per ton, which will leave a fair profit for that mouth. NEWARNE CONSOLS sold, on the 11th inst., black tin amounting to see Several new branches have lately been cut, and the mine working very well, re now negociating for another stamps of 12 or 16 heads, and as soon as they get s regular returns from them, profits may be expected.

CROW HILL MINE sold 1 ton 0 cwt. 1 qr. 9 lbs. lead ore, at 17l. 15s. and 30 tons 9 cwts. 0 qrs. 10 lbs. mundic, for 25l. 3s. 11d.

Express and 30 tons 3 cwts. 0 grs. 10 lbs. mandic, for 25t. 28. 11d.

BREA CONSOLIDATED.—The progress making at these mines is all that use desired, and gives great satisfaction to the proprietary. This mine turning out well at so early a period is doing much to restore confidence in Cornish tin mines at sets, where the non-success of similar adventures had sadly shaken it. The report on the mine will be found in the usual place; it will be seen from it that the grains tin are rather larger; these are what are usually called bold tin, and does not require ampling so finely as the generality of tinstone, by these means curtailing expenses, and wenting considerable waste in dressing.

GREAT RETALLACK.—The lode continues much the same as when I last vised you, and estimated worth 8 tons per fathom.

STHINET WHEAL BULLER.—There is an improvement in the 80 end east, oducing fine stones of tin. The other ends are just the same as I last advised. There is been two breakages since my former letter—one on Sunday last, when the flat-rods surface broke near the main bob, and on Monday the drug of the steam-whim. These isfortunes are similar to those at Wheal Vor.

WHEAL CHARLOTTE.—The dividend on Wednesday was 10s. per 1024th es were subdivided into 5120. The mooner than was expected.

WHEAL MARY.—The dividend here this week is 1000l., or 10l. per 100th are. The shares were subdivided into 500, to bring them within the reach of a greater miber of investors. The mine is, perhaps, the safest in Cornwall for a lasting profit-te mine.

-I find they are driving east from the new shaft, and have a good lode in the 30. They have also discovered a large elvan course ying the former, and about 50 fms. from the western boundary of East Budnick in lode is producing good naving work, and runs through East Budnick habout to sample 25 tons of lead and 4 tons of tin, which will give them a profit of

EAST BUDNICK is a very promising piece of ground, and I believe will naire but little outlay to bring it into the Dividend List. The Budnick Consols gres de, which is now so productive, runs through the entire sett, and will be intersected the 36 by a very short cross-cut.

t. New Wheal Vor they had a serious breakage on Wednesday: they the fly-wheel shaft, fly-wheel sweep-rod, and bent the piston-rod.

broke the fty-wheel shaft, fty-wheel sweep-rod, and bent the piston-rod.

NORTH FORTESCUE.—The costeaning of this most promising piece of mineral ground is proceeding satisfactorily. Several east and west lodes have already been laid open, in addition to the north and south courses, which are known to traverse the satt. These lodes are large and well-defined, with a north underlie; we are now tracing them on the back, to ascertain their bearings, as also to see whether the copper lodes, or, on the contrary, the lead lodes have the copper lodes. This mode of proceeding is necessary in order to fix a permanent shaft in the right spot to command the proper development of the several lodes. We deem it both safe and wise to proceed cautiously, so that having once done our work we may not have to do it ever again. The situation of the mine is good, being a little over a mile from the granite, and the stratum is a highly mineralised clay-slate. The lodes already intersected are remarkably strong courses, varying from 3 to 5 ft. in width, carrying beautiful quartz, prisa, mundic, and gossan, with a small portion of copper in the east and west lodes, while the north and south lodes promise well for lead and silver.—W. VERRAN.

WHEALA ADDAMS.—A report received from Capt. Hambly states that the

WHEAL ADDAMS.—A report received from Capt. Hambly states that the ne is now perfectly dry, thus confirming the statement of Capt. Moore.

WHEAL ADDAMS.—A report received from Capt. Hambly states that the ine is now perfectly dry, thus confirming the statement of Capt. Moore.

We are informed, on good authority, that the new scheme for working e Priconsic Consols Mines will be taken up with avidity. Several shares have been plied for by London brokers, amongst whom the mine had hitherto not found much your. The exclusive character of the management was probably the cause.

applied for by London brokers, amongst whom the mine had numero no some applied for by London brokers, amongst whom the mine had numero no some season. WHEAL CHARLOTTE.—The lode in the 60 is cut rich 3 fathoms west of the engine-shaft; this is upwards of 20 fathoms before the lode was met with in the level above. The opinion of the best practical authorities is an immense deposit of very rich ore will be met with a few fathoms further west. In the 30 this lode was flat cut. In the 40 the lode is worth 201, per fathom for 30 fathoms, commencing 30 fathoms seat of Trevelyan's abaft, and 200, per fathom for 30 fathoms, commencing 30 fathoms west of the engine-shaft, and west nearly to Trevelyan's shaft about 80 fathoms. The end is worth 181, per fathom, tributer's price. This end is still 50 fathoms from the extreme west of the ore ground in the level above. And in the 60 it is richer still, the run of ore ground being met only 3 fathoms west of the engine-shaft; therefore it will be seen that from the songire-shaft in the 80 to the extreme west of the ore ground in the 40 there are upwards of 140 fathoms. It is also worthy of remark, that whereas the lode was only 12 in. while in the 80, it is now worth 121, per ton in the 60. The engine-shaft from this latter level will resume sinking to the 70 in a few days. There are 15 tribute pitches set in the back of the 40, at an average of 7s. 6d. in 11. And the lode in the back of the 80 to be stoped at 38s, per fathom; this is about 1s. 3d. in 11. There are about 100 men at work, and the cost of the mine about 5001, including agency and merchants' bills. The last sale realised about 15001, including agency and merchants' bills. ale realised about 1800 arly for the next 12 me

TREBARVAH .- This mine, which adjoins Wheal Charlotte, is looking very

TREPARVAH.—This mine, which adjoins Wheal Charlotte, is looking very well. The amount spent since the commencement of the company is about 11,2081; the amount realised from sale of ores, 14,8001; upon the south lode 90001, had been expended; making a total expenditure upon the development of the mine of upwards of 35,0001. Great improvement had taken place in the 40, which was at about the same depth as that from which Wheal Charlotte was returning its present riches.

CUMBERHAND BLACKLEAD MINE.—Since operations were commenced the mine has been cleared, levels retimbered, houses rebuilt, &c. About 10 to sor occarse wad is at surface, worth from 301, to 601, per ton as it now stands; also a parcel of wad of a better quality sent to the company's store-house in London, and a small parcel of very rich wad on the mine. An arrangement is being made to supply the Government for the casting, machinery, &c., also a barrel is forwarded to Mr. Morgan, manager of the crucible manufactory at Lambeth, who consumes about 500 tons per annum. Other consumers will also be supplied. The pencil-makers will be supplied with the purest wad, Mr. Wilson, of Greta-bridge Pencil-works, Keswick, being in communication with the trade for that object. The directors are about to visit the mine, accompanied by Mr. Rilsy, chemist, of Oxford-court, Cannon-street, and other scientific men, to ascertain the uses the wad can be applied to, beyond those already known. Arrangements will also be made to convert the waste and coarse wad into blocks and powder for purposes already known, of which there is a large quantity on the mine. The aliver-lead and copper veins are valuable additions. Water power to any extent is available on the mine.

SULPHUR MINING PROSPECTS have been for some time rather unfa-

SULPHUR MINING PROSPECTS have been for some time rather unfa SULPHUE MINING PROFECTS have been for some time rather unfavourable; but an extensive enquiry amongst consumers proves that a better demand must shortly arise for the produce of the Wicklow and Cornish mines. The manufacturers of a certain class of sulphuric acid have been using up the pyrites accumulated for many years at the various coal mines: these stocks are now nearly exhausted, and the regular supply from those sources will not afford a tithe of the quantity required. These circumstances hold out good prospects for such properties as the Carysfort Mines, and that of Mr. Cox, now being opened near Arklow. A sample of the sulphur from the former mine has been tried by a manufacturer at Leeds, and found of superior quality, being devoid of arsenic, which appears to be a serious drawback when found existing in the samples. Even long these new mines must take a prominent position. The proposition for working them has been well received, and will be supported by capitalists and consumers. Surely the Old Speries, Nangles, &c., might be profitably wrought for sulphur only: being so near a sea port, the land transit is a trifle, and freights low. Why not work them?

VICTORIA IRON COMPANY.—An attempt is being made to resuscitate this mpany, whose works were unfortunately destroyed by a landslip near Whitby. The oposal is to issue preference shares, many of which will, doubtlessly, he accepted by the a shareholders; but it is feared some difficulty will be experienced. The accident certaily ought not to injure the real value of the mine.

THE TESTIMONIAL TO MR. J. Y. WATSON.—The second list of subscriptions will be published in the Journal of next week; and the third and final one on March 26. All communications to be addressed to Mr. J. H. Murchison, 117, Bishopsgate-street Within.

-THE GOVERNMENT INSPECTORS .- In the House of Commons, on Thursday, Mr. Ingham moved for Returns of the number and name spectors of Coal Mines for England, Wales, and Scotland, with their respective and the districts for which they act:—

e districts for which they act;—
substraints and mines within such several districts respectively, and of the visits
ection in every such district since the Act 18 and 19 Victoria, cap. 108;—
for the same period, of the number and dates of accidents in every district whereby
ham one death was occasioned, and of the nature of every such accident; distinage the cases in which the mines had not been inspected by a Mine Inspector preto such accident from the cases in which the mines had been previously so viso far as the said return can be furnished by the several Inspectors.

EAM COAL—Mr. Liddell also moved for Copies of the Report of
s. Miller and Taplin, on the Evaporative Power and Economic Value of Hartley
and, of similar report, by the same gentlemen, on the Properties of Weish Steam
presented to the Board of Admiralty.

MEXICAN AND SOUTH AMERICAN COMPANY.—On Wednesday the queon of compromise with the large creditors came on before the Master of the Rolls for nonfirmation. One holder of 30 shares appeared to oppose. The further proceedings were flourned by the Judge till this day. On Thursday an examination in the matter of sme alleged contributories came on before the Examiner in Rolls court. CULCHOTE COPPER MINING COMPANY.—The liquidators have convened meeting for Feb. 26, when they will state why the winding-up has not been completed. NEW ENGINE COAL MINING COMPANY.—Mr. Henry Hart, of Dover, the presented a petition to the Lord Chancellor, praying for the discounting and winding-

NEW ENGINE COAL MINING COMPANY.—Mr. Henry Hart, of Do
hap presented a petition to the Lord Chancellor, paying for the dissolution and wind
up of this company, and which is expected to be heard before Sir W. Page Wood on Feb
Paragoon and Spreed Coal Mining Company.—Mr. H. Hart, of Do
hap presented a petition to the Lord Chancellor, paying for the winding-up of this o
pany, and which is expected to be argued before the Vice-Chancellor on Feb. 26.

METAL MARKET-LONDON, Feb. 18, 1859.

COPPER. & s. d.	BRASS. Per lb.
Copper wirep. lb. 0 1 1	Sheets 10%d11%d.
ditto tubes 0 1 214-0 1 314	Wire 11d
Sheathing & bolts 0 1 0	Tubes 131/4d 14d.
Bottoms 0 1 1-0 1 1%	ACRES LANGUAGE PRESIDENT LANGUAGE AND ACCOUNT.
Old (Exchange) " 0 0 11	FOREIGN STREE. Per Ton.
Best selectedp. ton 115 10 0-	Swedish, in kegs (rolled) (nem.)
Tough cake 112 10 0	" (hammered). 20 10 0-21 10 0
Tile " 112 10 0	Ditto, in faggots 21 0 0-22 0 0
South American. 105 0 0-107 0 0	English, Spring 18 0 0-23 0 0
South American. 100 0 0-107 0 0	QUICKSILVER p. lb. 0 1 11- 0 2 0
inon. Per Ton.	TALL SECTION AND DESCRIPTION OF SECURITION O
Bars, Weish, in London . 7 5 0	SPELTER. Per Ton.
Ditto, to arrive 6 17 6-7 0 0	Foreign 22 5 0
Nail rods 7 10 0	To arrive 21 17 6-22 0 0
Stafford, in London 8 0 0- 9 0 0	sinc.
Bars ditto 8 0 0- 9 10 0	In sheets 29 0 0
Hoops ditto 9 0 0- 9 15 0	and annual and a second
Sheets, single 9 10 0-10 10 0	TIN.
Pig, No. 1, in Wales 3 15 0-4 15 0	English, blocks126 0 0
Refined metal, ditto 4 10 6-5 5 0	Ditto, Bars (in barrels) 127 0 0
	Ditto, Befined
	Banca
Ditto, railway ditto 6 5 0-6 10 0	Straits
Ditto, Swed. in London. 13 10 0-16 0 0	Account of the second of the s
In stock to arrive	TIN-PLATES.*
Pig, No. 1, in Clyde 2 13 6- 2 15 6	
Ditto, in Tyne & Tees 2 19 6-3 2 6	
Ditto, forge 2 17 6	IC Ditto 2d quality . 1 10 0- 1 11 0
Staffordshire Forge Pig. 4 10 0-5 0 0	IX Ditto 2d quality . 1 16 0- 1 17 0
Weish Forge Pig 3 0 0-3 50	IC Coke n 1 6 6
LEAD.	IX Ditto , 1 12 6
	Canada platesp. ton 15 0 0-15 5 6
English Pig 22 15 0-23 0 0	In London : 20s, less at the works.
Ditto sheet 23 10 0	and an arrange of the state of
Ditto red lead 24 0 0	Yeilow Metal Sheathing p. lb. 101/4d.
Ditto white 30 0 0	Wetterstedt's Pat. Metp. cwt. 2 2
Ditto patent shot 26 10 0	
Spanish 22 5 0-22 10 0	Indian Charcoal Pigs } 7 10
American none.	in London
A Alitha musha to	to 1s. 6d. per box less.

REMARKS.-In our market there has been very little change, and the sition of metals generally is unaltered. The demand for the most part as been steady but quiet; sellers remain firm at our quotations.

COPPER. - There is less doing in this metal, and orders are exe COPPER.—There is less doing in this metal, and orders are executed with caution; buyers are tenacious of burdening themselves with anything beyond requirements for present purposes. The foundries are not so actively engaged, and old copper is rather a drug upon the market. English cake can now be bought in large quantities at fixed rates, and sellers would readily effect sales if buyers came forward. The trade at the moment is entirely confined to bond fide orders.

IRON.—Rails are sluggish, but ironmasters oppose any further reduction in price. Merchant bars have been in moderate request, at raling rates. Staffordishing descriptions have not undergone any alteration. Swedish

in price. Merchant bars have been in moderate request, at ruling rates Staffordshire descriptions have not undergone any alteration. Swedish bars have been bought freely, and little or nothing can now be purchased bars have been bought freely, and little or nothing can now be purchased under 13l. 10s., taking assortments complete as imported. Stocks here are diminishing, and for an early arrival there is none offering. Scotch pigs have receded in value, m.n. having been sold at 51s. 3d., they have since improved, and may now be quoted 6d. per ton higher, the closing price on 'Change being 51s. 9d., cash, g.m.b., f.o.b. in the Clyde.

Lead. — The late advances in prices have been steadily upheld; and, although the transactions in our market have been of a limited character, no concessions in price are reported — 22l. 15s., pig; sheet, 23l. 10s.; red, 24l.; shot, 26l.

no concessions in price are reported — 222. 10s., pig; sheet, 234. 10s.; red, 244.; shot, 262.

Spelter.—Lower prices have been accepted, both for short arrival and on the spot, also for spring shipment. Holders are already beginning to fear the result of the spring arrivals in this market; and, as we may now be shortly receiving shipments, probably prices will continue to assume a downward tendency until the great bulk has passed off the market; but, to provent stocks accumulating and to effect business, sellers will doubtless have in a great measure, to consend to hyers? Jimited.

to prevent stocks accumulating and to effect business, schers will doubles have, in a great measure, to concede to buyers' limits.

Tin.—English, fixed rates, as before. Banca is quiet but firm, and Straits are reported as sold for arrival, at 130t. per ton.

Tin-Plates.—Prices are unaltered, and the demand very quiet.

STEEL.—Swedish keg is all sold, and arrivals are wanted.
QUICKSILVER.—This metal continues at present in abeyance; no de sion has been come to as to future prices.

LIVERPOOL, FEB. 17.—The past week has been characterised by considerable quietness in the metal market, and prices are the turn easier. With few exceptions makers are not well supplied with orders, and quotations, consequently, favour buyers. A slight rally in the price of Scotch pig-iron took place in the early part of the week, and 52s. 6d., cash, was obtained. The market afterwards became weaker, and the quotation of to-day is 51s. 9d. for mixed numbers, fo.b. in Glasgow. The shipments for the week are 9820 tons, against 7389 tons in the corresponding week of last year. The good demand for English tin continues, especially for refined. For foreign tin a firmer feeling obtains, and full prices have been realised. Tin-plates are in fair request at unaltered rates. Copper shows no change; the demand is good. Lead is improving; orders are more plentiful, and better prices are obtainable. The following are the quotations:—Iron: Merchant bar, 6l. 12s. 6d. to 7l. 10s. per ton.—Tin: Common block, 126l. per ton; common bar, 127l.; refined block, 133l.—Tin-plates: Charcoal, IC, 32s. to 32s. 6d. per box; coke, IC, 25s. 6d. to 27s.—Lead: English sheet, 23l. perton; English pig, 22l. 15s.—Copper: Cake and tile, 112l. 10s. per ton; best selected, 115l. 10s. per ton; sheathing and bolt, 1s. 04d. per lb.—Yelow metal sheathing, 104d. per lb.—Steel: Blistered, 30l. to 40l. per ton; spring, 18l. to 24l.; cast and shear, 50l. to 60l. per ton.

Glasgow, Feb. 17.—We have nothing of particular interest to report

Glasgow, Feb. 17.—We have nothing of particular interest to report regarding our pig-iron market, which still remains very dull. A trifling rally took place on Saturday last to 53s. 3d., cash, and since then the price has not varied more than 6d. per ton. No. 1, Gartsherrie, 55s. 6d.; No. 1, g.m.b., 51s.; No. 3, g.m.b., 50s. 9d.—Shipments: Foreign, 3089 tons; coastwise, 6731 tons = 9820 tons, against 7389 tons last year.

Coastwise, 6731 tons = 9820 tons, against 7389 tons last year.

New York, Jan. 29.—In Scotch pig-iron the sales have been very limited, the stock in hand not exceeding 300 tons. We note sales of 50 tons for arrival at \$27.50, at six months. American has been in demand, and sales to the extent of 200 tons have been effected at \$22.50, cash, also 1000 tons of Philadelphia at \$23, at six months. Bar is quiet but firm, and is quoted at \$55 to \$55.50 for refined, and \$46 to \$47, at six months, for common. We note sales of refined English, TPK, to arrive at \$57, at six months. In Swedes prices are better, with sales of 80 tons at \$95, being very scarce; 75 tons to arrive have brought \$90, at six months. Of English sheet the stock is small, and holders are asking \$\frac{3}{2}\times\$ c. for singles, and \$\frac{3}{2}\times\$ c. to 4c. for doubles and trebles. Ingot copper is less active, but prices continue firm, with sales of 40,000 lbs. of Baltimore at 24 c., nett cash. For Lake there is no demand, and is held at 24\frac{1}{2}\times\$ c. cash. Chili pig is more enquired after; we notes sales of 100,000 lbs. in Boston at 23\frac{1}{2}\times\$ c., at six months, being an advance on previous quotations. Old sheathing is dull at 21\frac{1}{2}\times\$ to 22 c. for prime lots. Block tin is quiet, holders being firm at 30 c. to 30\frac{1}{2}\times\$ c. cash. Straits, 30 c. to 31 c., at six months. Tin-plates are more active, with sales of

The Mining Market; Prices of Metals, Ores, &c. 60 sold, the prices being—Best Wallsend, 17s. 9d. to 18s. 6d.; second quality, 16s. to 17s. 3d.; manufacturers', 12s. 9d. to 14s. 9d.

quality, 16s. to 17s. 3d.; manufacturers', 12s. 3d. to 14s. 3d.

In Saltyeffer, during the past week, there has been but a moderate amount of business doing, last week's prices being fully maintained. We note sales of 1480 bags of Bengal, 74 per cent. refraction, 40s. 6d.; 3\frac{3}{4} per cent. refraction, 42s.; 8\frac{1}{4} per cent. refraction, 41s.; 6\frac{3}{4} per cent. refraction, 42s. 6d.; 4\frac{1}{4} to 3\frac{3}{4} per cent. refraction, 43s.: 300 tons of December sailing were sold at 40s.; and 50 cases of Bombay, refracting 7\frac{1}{4} per cent., for 39s. During the week, 215 tons have been landed, and 490 tons delivered, leaving 2794 tons in stock, against 5467 tons at the same period last year.

It appears to be the general opinion among politicians of the Government stamp that we shall not have war, and a greater feeling of security is stealing over men's minds in public, and the result will be a greater ount of confidence in business transactions, a revival of legitimate speculation, and the avoidance, as we hope, of all foreign losns. There are plenty of ways near home of investing capital so as to get good interest for money, at the same time that important branches of national industry are supported, without lending money to foreign Governments, and thus supply them with means to disturb the peace of Europe, and to unsettle our commercial relations. During the week the Mining Share Marker has been active, and well supported, and a great demand for several mines, such as East Russell, East Basset, Rosewarne, Grambler and St. Aubyn, Hingston Down Consols, Pendeen Consols, Ludcott, Wheal Wrey, North Roskear, and a few others. Some of the dividend mines are lower in price, but chiefly owing to the greater amount of attention paid to progressive mines. Hingston Down Consols have been largely dealt in, and the price leaves off at 3½ to 4½; the mine has greatly improved, and from private sources we hear that the lode in the 110 fm. level is considerably better than stated in the official reports, and the ground, which was formerly so hard, and set at 30%. per fm., has now changed for the better, and set at only 14½, per fm.; the 100 fm. level, which is considerably ahead of the 100, is yieading 4 to 5 tons per fm.; and as, moreover, there have been large buyers of shares, we may fairly presume that the improvements are considered as of some importance by parties in the district; but great complaints are made by the London shareholders at the meagreness of the official reports sent to the office. Let our readers turn to the columns of mining reports, and read that of Hingston Down, received at the office of the complaining shareholders we call the attention of the committee to the subject. If the resident agent be incapable of writing a report, or of properly explaining shareholders we call the attention of the committee to the subject. If the resident agent be incapable of writing a report, or of properly explaining shareholders are informed, too, that the local managing director wrote lation, and the avoidance, as we hope, of all foreign loans. There are plenty of ways near home of investing capital so as to get good interest for money, at the same time that important branches of national industry are when the price advanced to 65, 67\(\), and left off at 67\(\) to 70: no official intelligence has been received of any improvement, but it is supposed from the sudden demand that the 70 is looking better. East Russell shares advanced from 7 to 11, and leave off at 10\(\) to 10\(\); there has been great excitement in the shares during the week; the lode in the 88, to which we have so often referred, has been cut rich, and another very important discovery made in the 66 west, where some tributers near the end which had been stopped discovered a course of ore, worth 40\(\). to 50\(\), per fm. It is now the opinion of practical agents that this north lode has never been seen near Hitchins's shaft except in the 45 fm. level, which is 120 fms. west of the present course of ore, and a cross-cut is being extended at Hitchins's to prove the lode, and if it be met with rich in about six weeks, it is impossible to say what the value of the mine will be. Perhaps no mine of near Hitchins's shaft except in the 45 fm. level, which is 120 fms. west of the present course of ore, and a cross-cut is being extended at Hitchins's to prove the lode, and if it be met with rich in about six weeks, it is impossible to say what the value of the mine will be. Perhaps no mine of late years has been subject to so much correspondence and variety of opinion as East Russell, and even practical men have disagreed, and been led into vituperation on the one hand, and ardent support on the other. Of the bona fide value of the mine as a speculation, and the great chances of its ultimate success, we have, however, always expressed ourselves favourably, and by many have been thought too sanguine. Through all its vicissitudes we have kept our readers advised of the real points to look at, and of the probabilities of their success. This we are now enabled to do, guided by the same practical experience which led us right in East Basset. Pendeen 6½, to 6½, and in request; the mine continues to improve, and the next sampling will be about 200 tons of copper ore. Tincroft, 3½ to 4½, and mine also looking well. St. Day United, 14s. 6d. to 15s. 6d., and mine improved. Wheal Agar shares have been in request at 2½ to 3; Tehidy, 1½ to 1½. Great Treveddoe, ½ to 1, buyers, and in good request. Mold Lead Mine (limited), 12s. to 14s. Dolcoath, 300; at the meeting a dividend of 7t. per share was declared, and the lode in the 254 valued at 100t. per fm. Carm Brea, 70 to 75, and in request. St. Ives Consols & to 70; the dividend declared at the meeting was 6t. per share. Great South Tolgus, 12 to 13; the dividend declared here was 7s. per share. Bryntail, 10½ to 11. Crowlwim, a new and promising young mine, near Bryntail, has been dealt in at 30s. Alfred Consols, 6½ to 7½; Bedford United, 7 to 7½; Camborne Vean, 6s. to 8s.; Elijah and Wentworth, 2½ to 3; Cook's Kitchen, 5 to 5½; Craddock Moor, 29 to 30; Drake Wall, 28s. to 30s. Marke Valley are very flat at 1½ to 2½. North Minera, 5½ to 6½; North Roskear, 25 to 26, and have

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directed to it. The company have just decided upon sinking Cock's shaft as we stated a short time ago; but as we understand that a gentleman with great experience in the district has offered to purchase largely into the company, if Kelly's shaft were to be cleared up, we call the attention of the committee to the subject. This shaft is said to be 120 fms. deep, and above that level 165,000£ worth of copper was raised, the bottom of the mine having an enormous mass of mundic, so bot that the men could scarcely work in it. To clear Kelly's shaft might take 1000£ or more, extending over several months, and pitches could probably be set as the work proceeded. And, as the company are said to have funds in hand sufficient to last some months without any call being required, the matter to which we direct attention is really worthy of consideration.

which we direct attention is really worthy of consideration.

We continue our resume of business done at the Stock Exchange during the week in the shares of the different mining associations, separating the British, Colonial, and Foreign, the last figure being the closing price. In British Mining Shares there was much animation, and the Official List shows that transactions were effected in Alfred Consols at 63, 63, 63; North Frances, 63; Wheal Mary Ann, 473, 47; Grambler and St. Aubyn, 91; Providence, 733; Wheal Mary Ann, 473, 47; Grambler and St. Aubyn, 92; to 10.

In Colonial Mining Shares, the principal business was in those of the North Rhine Copper of South Australia, and bargains were recorded at 14, 1, 14. In Bon Accord, transactions were effected at 4.

The dealings in Foreign Mining Shares were as follows:—Linares, 9, 84; Brazilian, 14, 2; and United Mexican, 3.

The Government Returns for the past year, as issued by the Board of Trade, show that to our Australasian colonies the exports for the twelve months ending Dec. 31, amounted to 10, 464, 1984, being 6, 965, 0656, for enumerated articles, and 3,429,1336. for unenumerated articles. The aggregate value for the corresponding period of 1857 was 11,632,5244, showing a decrease in the past year, as compared with the previous, of 1,168,3266. The principal item of exports of enumerated articles was metals and metallic manufactures, including machinery, which gives a total of 1,381,9056.; wrought leather and saddlery, 1,143,424.; apparel and slops, 1,112,1446.; haberdashery and millinery, 803,9824.; cotton and linens, 767,0604.; beer, ale, and spirits, 671,3002.; woollen and stuffs, 475,7644.; stationery, 284,7014.; silk manufactures, 159,6024.; carthenware, 106,2144.; oil seed, 40,7264.; and soap, 18,2436. The respective value of goods sent to each colony was—for Victoria, 5,419,3544.; New South Wales, 2,919,3254.; South Australia, 979,6164.; Tasmania, 573,1524.; Western Australia, 82,2444.; and New Zealand, 490,5074.

The following are the Government Returns of the exports of articles identified with mining, the produce and manufacture of Great Britain, for the year ending Dec. 31, 1857; and also as compared with the year ending Dec. 31, 1857; extracted from the "Accounts relating to Trade and Navigation," published by the Board of Trade:—

DECLARED VALUE FOR THE		
1857.	1858.	Decrease.
Coals culm£ 3,210,661	£ 3,052,753	£ 157,908
Hardwares and cuttery 4,016,230 Machinery :-	3,280,466	735,764
Steam-engines £1,069,249	£1,096,288	
Other sorts 2,814,420 = 3,883,669	2,507,701= 3,603,989	279,680
Total £11,110,560	£ 9,937,208£	1,178,352
Metals:		
. Iron —Pig £1,609,115	£1,101,118	
Bar, bolt, and rod . 6,262,605	5,223,840	
Wire 242,087	208,444	
Cast 753,334	820,924	
Wrought 3,790,356=12,657,597	3,291,938=10,646,264 4	2,011,333
Steel 748,579	589,781	
Copper—Unwrought 852.055	696,523	200,100
Sheets, &c 1.673.186	1,620,447	
Wrought 454,855= 2,980,096	381,866 = 2,698,836	281,260
Brass 143,953	155,293	201,200
Lead-Pig, sheet, &c 549,523	459,656	
		200 240
	156,924 = 616,580	108,172
	270,580	
Plates 1,500,116 = 1,790,837	1,351,193= 1,621,773	169,064
Grand total £30,156,374	£26,265,735 £	3,901,979
Less increase brass		11,340
Total		3,890,639

At Truro Ticketing, on Thursday, 4572 tons of ore were sold, realising 26,2594. 6s. The particulars of the sale were—Average standard, 1434. 6s.; average produce, 5\frac{1}{4}; average price per ton, 5\frac{1}{4}. 15s.; quantity of fine copper, 270 tons 19 cwts. The following are the particulars:—

Drat		Tons	Stane	dare	t.	P	rodue	ce.	Pric	e per	te	m.	Ore o	opper.
Ja21.	20	4428	 £146	10			5%		. £5	15	6		. £99	4
. 99	27	3356	 141	19			61%		. 6	0	6		. 97	10
Feb.	3	3787	 138	19			65%		. 6	10	0		. 97	15
	10													
**	17	4572	 143	6			5%		. 5	15	0		. 96	18

Compared with last week's sale, the advance has been in the standard 2*l*. 11s., and in the price per ton of ore about 3s. 4d. Compared with the corresponding sale of last month, the decline has been in the standard 3*l*. 4s., and in the price per ton of ore about 4s. 4d.

At Liverpool, on Thursday, Zwilchenbart and Co. sampled, in five lots, for sale on March 3—about 68 tons lead and silver ore, 1½ ton ditto, 26 tons copper and silver ore, 3½ tons copper ore, and 1 ton ditto, ex Astrie.

At Wheal Mary meeting, on Wednesday, a dividend of 1000L (10L per 3-100th sbare) was declared. The mine was subdivided into 500 shares.

At West Wheal Seton, on Tuesday, the accounts showed—Balance last audit, 72L 9s. 11d.; copper ore sold, 6786L 14s. 10d.; materials sold, 11L. 10s. 5d. = 6570L 15s. 2d.—Mine costs, Nov. and Dec., 2079L 9s. 3d.; merchanta'bilis, 582L 2s. 10d.; coals, 200L; rates and taxes, 128L 1s, 1d.; sundries on account of new erections, &c. 542L 13s. 1d.; dues, 452L 3s. 11d.; ledving credit balance, 288U. 19s. 2d. The profit on the two months' working was 2613L 9s. 3d. A dividend of 2800L (7L per share) was declared, and 86L 19s. 2d. carried to next accounts. The amount of copper ores sold in "Sanuary and February to come to next accounts. 7467L 0s. 8d. Capts. C. Thomas, M. Bath, and J. Jennings, reported upon the position and prospects of the mine. The tribute pitches ore about the same as at the last account.

At Dolcoath Mine meeting, on Monday, the accounts showed—Balance

bute pitches ore about the same as at the last account.

At Dolcoath Mine meeting, on Monday, the accounts showed—Balance last audit, 860t. 2s. 8d.; copper ore sold, 531t. 11s. 3d.; tin, 8781t. 9s. 4d.; extra carriace of tin, 5t. 5s. 8d. = 10,000t. 8s. 11d.—November cost, 1634t. 17s. 3d.; December, 1882t. 9s. 2d.; tribute, 953t. 14s. 8d.; merchants' bills, 1883t. 10s. 10d.; lords' dues, 449t. 15s. 1d.: leaving credit balance, 3204t. 1s. 10d. There was a profit on the two months' working of 2513t. 19s. 2d. A dividend of 2599t. (7t. per share) was declared, and 639t. 1s. 10d. was carried to credit of next account. Capts. C. Thomas, W. Provis, J. Tonkin, and Josiah Thomas reported upon the position and prospects of the mine.

At St. Ives Consols Mine meeting the accounts showed—Black tin, 6339t, 9s. 7d.; materials sold, 3t. 6s. 10d. =6342t. 16s. 5d.—Labour cost, 2546t. 16s. 8d.; coals, 245t. 16s.; merchants' bills, 552t. 6s. 5d.: leaving a balance in favour of the mine of 2997t. 17s. 4d. A dividend of 2890t. (6t. per share) was declared, and a balance carried forward to next account of 614t. 11s. 3d.

Lelant Mine declared a dividend of 800t. (5t. per share). on Thesday

Lelant Mine declared a dividend of 800l. (5l. per share), on Tuesday. At the Botallack Mine meeting, on Tuesday, the accounts showed.—Bance last andit, 2037. 6s. 11d.: copper ore sold (deducting 54.5s. dues), 222.5s. 7a.; nsold (less 95.10s. 9d. dues), 2197. 6s. 9d.:—51561. 19s. 3d.—Labour cost, 16961. 0s. 9d.; carriage, 129. 16s. 9d.; coals, 1504. 12s. 9d.; mershants bills, 3864. 11s. 10d.; cargo of bark, 117t. 11s. 4d.: income tax, 72t. 14s. 2d.; solicitors and surveyors' charges on renewal of sett, 311. 10s.: leaving credit balance, 2563t. 1s. 8d. The profit on the two months' working was 5261. 14s. 9d. A dividend of 5001. (2t. 10s. per share) was declared, and 2053t. 1s 8d. carried to credit of next account. The mine looked about the same as two months since.

The Minera Mining Company paid on Monday a dividend of 2l. 10s s ahare, from the profits of the quarter ending Christmas last.

At Wheal Seton meeting, on Monday, the accounts showed—Balance last audit, 13314, 16s. 7d.; copper and tin sold (less dues), 23794, 17s. 3d.; materials sold, 5f. 9s. 3d.—23716f. 14s. 3d.—Mine cast, Nov., 8594, 16s. 5d.; Dec., 700f. 19s.; merchants' bills, 397f. 17s. 1d.: leaving credit balance, 1758f. 1s. 9d. There was a profit of 421f. 4s. 11d. A dividend of 40bf. (2f. 10s. per share) was declared, which left to cast of next account, 1263f. 1s. 9d.

At Wheal Bal meeting, on Feb. 8, the accounts for three months, ending Dec., showed—Balance last audit, 1671. 13s. 8d.; tin sold, 1333. 6s. 9d.; Capt. Noal, for Piskoy stamps, 121. 16s. 8d. = 1513/. 17s. 1d.—Mine cost, for Oct., 283/. 15s.; Nov., 253/. 5s.; Dec., 329/. 3s. 5d.; lords and bounds dues, 30/. 9s. 4d.; merchants and carriers' bills, 334/. 10s. 8d.: leaving credit balance, 282/. 13s. 8d.—A dividend of 240/. (11. per share) was declared.

Per share) was declared.

At Wheal Charlotte meeting, on Wednesday, the statement of accounts showed—Ores sold, 1546f. 19s. 5d.—Balance last account, 105f. 5s. 3d.; labour cost, 784f. 3s. 5d.; merchants' bills, 139f. 8s.: leaving a balance in favour of the mine of 518f. 2s. 9d. A dividend of 512f. (10s. per 1-1024th share) was declared. It was resolved that in future the mine be subdivided into 5120 shares.

At Great South Tolgus meeting, on Tuesday, the accounts showed a balance in favour of the mine of 23771. 3s. 8d. A dividend of 21001. (7s. per share) was declared. The agent reported that the mine, on the whole, had improved during the past two months.

At Wheal Jane meeting, on Tuesday, the accounts showed—Balance last audit, 2861. 0s. 4d.: mine cost for September, 6291. 9s. 8d.; October, 6801. 13s. 7d.; November, 6811. 19s. 8d.; December, 6601. 13s. 8d.; dues, 1541. 0s. 6d.; returning charges, 7f. 4s. 3d. =3100f. 1s. 8d.—Mundic, tin, and other ores cold, 27721. 9s. 3d.; car-

THE MINING JOURNAL.

Tags and quay dues, 87. 10s.; cinh front, 801.; sendries, 11. 4s. 64.: having debit halance, 306. 17s. 11d. Capt. Kitto resigned, and the purser was anthorised to advert ise for an agent. The agents reported on the operations, and stated that the tribute pitches were continuing to yield air quantities on Wednesday, the accounts showed—row of the continuing to yield air quantities on Wednesday, the accounts showed—row of the continuing to yield air quantities on Wednesday, the accounts above the continuing to yield air quantities on Wednesday, the accounts showed—row of the continuing to yield air quantities of the continuing to yield air quantities of the continuing to yield air quantities of the continuing the continuing to yield air quantities of the continuing the co

a first-rate mine.

At Wheal Union meeting, on Thursday, the statement of accounts showed a balance in favour of the adventurers of 1601. 0s. 2d. A very satisfactory report from the agent will be found in another column.

At South Cuddra Mine meeting, on Thursday (Mr. Tremenheere in the chair), the accounts showed a credit balance of 41. 6s. 3d. A call of 1s. per share was made, and the meeting adjourned for a mouth, in order that the Regent lode might be proved east, and also by a winze below the addt. If nothing satisfactory be discovered, the mine will then, probably, be stopped. A detailed report of the proceedings will be found in another column. At the Kelly Bray Mine meeting, on Thursday (Mr. P. Watson in the

chair), the accounts showed a credit balance of 253. Details in another column.

At Wheal Harriett meeting, on Monday (Mr. J. E. Matthew in the chair), the accounts showed a debit balance of 123. 14s. 7d. A call of 2s. per share was made.

The agent's report was deemed of a satisfactory character. The proceedings are fully detailed in another column.

the accounts showed a debit balance of 123. 14s. 7d. A call of 2s. per share was made. The agent's report was deemed of a satisfactory character. The proceedings are fully detailed in another column.

At the Wheal Addams meeting, on Tuesday (Lieut. Watson, R.N., in the chair), the accounts showed a balance of liabilities over assets of 713. A call of 2s. 6d. per share was made. Details of the proceedings will be found in another column. At Mill Dam meeting, on Tuesday (Mr. J. S. Taylor in the chair), a new Deed of Trust was read, for the government of the mine. It was resolved that the transfer-books be closed until March 1; and that the old scrip be sent in to be exchanged for new. Mr. C. Morton (the manager) reported that the workings were progressing very favourably, and they hoped shortly to be under the rich ore ground at the foot of the shaft, about which so much has been reported.

At the Wheal Enys meeting, on the Feb. 9, the statement of accounts showed—Balance, 3991, 18s. 2d.; mine cost, Oct., 1954, 12s. 11d.; Nov., 2331, 10s. 4d.; December, 1561, 12s. 1d.; dues, 3l. 16s. 9d.—951l. 6s. 3d.—Call, 261l. 2s. 6d.; tin sold, 200l. 15s.; leaving a balance against the mine of 3891. 8s. 9d., to meet which a call of 8s. per share was made. The agent reported that the lode as they increase in depth was improving in value, caused apparently by the numerous droppers which, failing into the lode, act as feeders, increasing its size and quality, and promised fair at one more level in depth to become source of nasting profit.

At Great Sheba Mine meeting, on Wednesday, the accounts showed—Expenditure, 4731. 16s. 9d., including 148l. 4s. 2d. merchants bills; receipts, 471l. 12s. 7d.: leaving behave against amen, 4l. 4s. 2d. Reports were read from the captain, and from Capt. Lord, who had surveyed it in January, and who reported very sanguinely of the works at Kelly Hall, the ore from which he stated to be of much better quality. Capt. Spargo estimated about 20 or 25 tons from this part to be at surface, and about 40

11. 8a. 6d. = 6301, 19s. 9d. — Calls received, 5121, imundic sold, 201, 12s. 8d.: leaving debit balance, 931. 7s. 1d. A call of 11. per ahare was made.

At the Loughtea Slate Quarry Company ordinary general meeting, on Wednesday (Mr. Thes. Stanton in the chair), the report from Mr. Griffith Williams (the manager), as to the works of the quarry, was read. A general balance-sheet of the affairs of the company up to the end of the year was produced, together with detailed statements of receipts and expenditure, and the assets and liabilities of the company, which statements showed (independent of the original and subsequent additional purchase of the property, registering company, &c.) that the total value of slates raised from the original quarry since the commencement of the company in April, 1857, up to Dec. 31 last, 134, year, and either sold or on bank, amounts to 2537. T. 3. d.—That the total costs, office expenses, and royalty (1-15th), amounts to 24301. 2s. 11d.—That the present assets consisted of—Cash in hand, 2561. 16s. 8g.; debts due for slate sold, 551.; slate on bank, estimated at 5951.; slates in agents' hands, estimated at 2001., due on last call, 411. 8s.—11431. 1s. 8d.—The total liabilities (consisting of the current costs and some law charges), 150. This statement showing so favourable a result, and the manager at the quarry having reported that, by the mode lately adopted of working the quarry in benches instead of the expensive plan of sinking, as hitherto, a great saving in the costs would be made, and that he anticipated a much larger raising of slate in the next year than had ever hitherto taken place in this quarry, it was decided that a call of the remaining 1s. 6d. per share should be made; and that the shares in possession of the company should be offered for sale, the produce of which to be laid out in more extensively developing the quarry.

At the Clarendon Consolidated Mine meeting yesterday (Mr. J. W. Cater in the chair), the accounts showed a balance in hand on Dec. 31, 35431. The directors who retired by rotation and the auditor were re-elected. Details of the proceedings will be found in another column.

The English and Canadian Company meeting will be held early in the ensuing month, when it is stated that the committee's report will not be of so a character as anticipated.

From Labuan, we learn that the value of coal exported during 1856 amounted to 47961. The coal company has had to contend with serious difficulties in getting rid of the water in their slants, and this has told upon the revenue, from the decrease in the royalty received. In 1854, 6805 tons were sold at the mines; in 1855, 1394 tons; and in 1856, 8599 tons. Although the production of coal in the market has been delayed by these adverse circumstances, there is no doubt of its good quality, and

that it can be supplied to a considerable extent, and may be intreased to any an relieving our mines at home from a supply that is afforded at a very great waste chanced expense. The extension of steam communication in the Eastern Archip and the China seas will give an enhanced value to the coal of Labana.

LEEDS, FEB. 17.—The mining market continues without much change, nquiries have been made after Ribden and Dale shares; Merrifield and Yorkshire are a discount; Craven Moor, 10 to 11; Hebden Moor, 2 to 2½; Wenshydale, 4 to 5.

The OLD PROVIDENCE MINE (Yorkshire) continues to bear out the improvement which hately took place.

The OLD PROVIDENCE MINE (YORKSHIP) continues to bear out the improvement which lately took place.

In the Mosdale Mine, which is near to the Old Providence, they are doing well, and continue to raise ore from the north vein.

SETTLINGSTONES MINE (Northumberland).—Two distinct veins, running to the west, are now being worked, each of which is yielding a great quantity of ore. These veins run into the ground of the Grindon Hill Mining Company, and they increase in richness as they appreach it.

STONECHOFT, which lies to the east of and adjoining Settlingstones Mine, is exceedingly rich, having in more than one place ground worth 2001, per. In. This mine is managed by Mr. Wesre, late manager of Craven Moor.—J. GLEDHILL AND CO.

TENDERS FOR MATERIALS.—The East Indian Railway Company require tenders for 15,000 tons rails, 180 tons bolts and nuts, and 4600 tons chairs (Ransome's patent).

Chains.—A mode of manufacturing chains of any suitable metal without soldering or brasing has been patented by M. Bouquié, Paris, and consists in establishing each link in two or more parts of rolled bar metal, of such cross sections as to allow them partly to overlap and trim in each other. The entire is pressed to the required

from by suitable re	riap and trim in each oth unding tools, the end link ew link form part of the c	of the chain having hain under manufac	ture.
LONDON GEN week ending Febru	ERAL OMNIBUS COM ary 13 amounted to 10,180	PANY.— The train N. 78. 6d.	ne receipts for the
	LEAD	ORES.	
	Sold on Feb		
Mines.	(Bana)	Bules ner fon	Purchasers.
Keswick	Sold on th	£14 3 0	Shield & Dinning.
New Crow Hift	1	17 15 0	_
	BLACK		
	Sold on Ja	mary 31.	Purchasers.
	rons c. q. lbs. Price po 2 5 1 17£79 1	r ton. \$ 181 6	5-Bissoe & Co.
Pedn-an-drea	8 12 3 3 72 1	628 9	6— ditto
ditto	1 16 3 0 61		9- ditto
Boscaswell		0 189 7	0-Bolitho & Co.
ditto	0 18 2 14 33	0 0 30 14	6- ditto
unto	Sold on January I	and reprunty o.	
Boscean	8 16 0 27 79	5 0 698 7	0- ditto
ditto	5, 1 3 25 79	5 0 404 1	
ditto	7 9 1 17 80	0 0 597 12	0
ditto	2 4 9 18 80	0 0 258 12	
ditto	1 14 1 15 79	5 0 136 4	
ditto	3 2 0 7 80	0 0 240 0	0- ditto
W 150 - 1 15	5 19 0 21		2
East Wh. Lovell. St. Austell Cons.	14 10 0 0 72	0 0 1044 0	0—Enthoven & Sons.
C	Sold on Fe	0 0 195 4	7-Charlestown Co.
Carvath United .			
ditto	Sold on Fe		
Trevenen		0 0 202 5	0-Enthoven & Sons.
ditto		0 0 48 2	3- ditto
	Sold on Fe	bruary 16.	
St. Day United .		5 0 505 18	2
Wheat Gidney	11 0 0 0 73 1	he mine. 5 0 \$18 0	0
wheat Sidney	11 0 0 0 15 1	9 0	
	COPPER	ORES.	valuarates ex Ferris.
Sale at Liverpoo	L, on Feb. 10, of copper or	e and regulus, from	Val-araiso, ex Perris.
	Tons.	Price per ton.	Purcha sers.
Lor 1	65	£17 10 0	C. Lambert.
,, 2	65	17 8 6	Newton, Kentes, & Co.
,, 3	65	17 0 0	C. Lambert.
	64	17 1 6	Newton, Kentes, & Co
			Williams, Poster, & Co Newton, Keates, & Co
0	45	38 10 6	Newton, Kenton, & Co
,, 7	47	39 6 6	ditto
		ORES.	
Sampled	February 2, and sold at th	e Royal Hotel, Trur	, February 17.
Min 4.	Tons. Price.	Mines.	Tons. Price.
Devon Great Con	ols127 £2 16 6	Wheal Edward	35 £4 19 (
ditto	119 4 2 6	ditto	34 3 16
	115 2 11 0	Bedford United	5 13
ditto	114 8 14 6	ditto	96 6 13
ditto	112 3 16 6	North Wheal Robe	rt 77 10 14
	111 5 2 0	ditto	73 5 1
	110 3 16 6	ditto	54 4 8
ditto	109 8 12 6	Holmbush	69 14 17

-				ORES.	
Sam	pled February 2, an	d sold	at the	Royal Hotel, Truro, February 17.	_
Min 4.	Tons.	Price	e.	Mines. Tons. Price.	
Devon Great	Consols 127	. £2 16	6	Wheal Edward 35 £4 19	6
ditto	119	. 4 2		ditto 34 3 16	
ditto	115	. 2 11	0	Bedford United 5 13	
ditto		. 8 14	6	ditto 96 6 13	6
ditto	119	. 3 10	6	North Wheal Robert 77, 10 14	•
ditto	111	. 5 5	2 0	ditto 73 5 1	
ditto	110	. 3 16	6	ditto 54 4 8	•
ditto	109	. 8 15	2 6	Holmbush 69 14 17	-
ditto		. 3 1	1 6	ditto 51 10 5	
ditto	101	. 8 16	6 6	ditto 50 11 8	•
ditto			2 6	Marke Valley 64 2 10	
ditto	99	. 8 10	6	ditto 40 2 5	
ditto	96	. 2 1	1 6	ditto 31 6 6	-
ditto	90		0 0	ditto 30 3 18	
ditto	84		7 0	Devon and Cornwall 60 2 0	-
ditto	83		9 6	ditto 55 2 10	
ditto	80	. 8 1	8 0	ditto 35 9 7	
ditto	76		6	Kelly Bray 84 2 13	-
ditto	69			ditto 46 5 17	
ditto	65			ditto 11 3 0	
ditto	54			Wheal Friendship 82 8 3	-
				ditto 40 14 12	-
ditto	90			Wheal Yarner 102 1 7	-
ditto	87			South Bedford 75 3 3	
ditto	65			Sortridge Consols 56 6 1	-
ditto	55			ditto 14 7 16	-
	on 78			Redmoor Consols 60 3 9	-
ditto	65			Wheal Crebor 50 3 12	
ditto	60			Wheal Crowndale 48 5 12	
ditto	50			Wheal Arthur 29 3 4	
ditto	22			Tavy Consols 28 3 3	,
	ard 62			Wheal Russell 20 3 15	1
ditto	52			South Lady Bertha 7 3 16	
ditto	42			South Endy Destine 1111	
unter				PARTICIP	
				RODUCE.	
		0609 1		Wheal Yarner 102 £140 5 South Bedford 75 238 2	
Phœnix			5 0		
West Carado		2551 1		Sortridge Consols 70 449 8	
Wheal Edwa			7 6	Redmoor Consols 60 207 0	
Bedford Uni		1279		Wheal Crebor 50 181 5	
	rt 204	1433 1		Wheal Crowndale 48 270 0	
	170	2119 1		Wheal Arthur 29 92 16	
	ву 165	565 1		Tavy Consols 28 88 18	
	rnwall 150	588 1		Wheal Russell 20 75 0	
	141		2 6	South Lady Bertha. 7 26 15	
Wheal Frie	ndship 122	1254	7 0		
			-	and the same of th	

COMPANIES BY WHOM THE ORES WERE PURCHASEI).	
Tons, Amo	unt.	
Mines Royal Company 2001/2 £ 972	15	9
Vivian and Sons 5046		0
Freeman and Co 325 1449	15	0
Grenfell and Sons	. 4	9
Crown Copper Company 107 567	0	6
Sims, Willyams, Nevill, and Co 474 2747	18	6
Williams, Foster, and Co 85916 5682	18	0
Mason and Elkington 459% 3164	5	9
F. Bankart 2001	6	6
Copper Miners' Company 417 1601	3	9
C. Lambert 790	10	6
Alkali Company 62 147	5	0
4770 600 010		

Copper ores for sale, on Thursday next, at Tabb's Hotel, Redruth.—Mines and Parcels.—United Mines 720—Wheal Busy 571—South Caradon 412—West Danned 188—South Crinains 137—East Wheal Tolgus 125—Grambler and St. Aubyn 124—Wheal Mary Great Consols 60—Wheal Unity Consols 56—Creegbrawse 35—Fock Regulus 35.—Total, 2463 tons.

Copper ores for sale on Thursday week, at Mayne's Hotel, Redruth.—Mines and Parcels.—West Seton 478—Fowey Consols 432—Wheal Clifford 420—South Frances 412—Wheal Baset 292—South Tolgus 294—North Rokear 270—Wheal Seton 196—East Crinais 193—East Basset 162—North Crofty 91—Copper Hill 65—West Stray Park 56 Wheal Harriett 39—Pedn-ander 16—Wheal Moyle 12—Eny's ore 8.—Total, 3426 tons.

Years		Tons.	Prod		Amou	nt.		Stan			Ore c				
1850	*********	2806	 934		£20,279	9	0	 £107	5	0	 £77	14	0	 £88	10
1851	********	3057	 936		18,257	17	0	 9.5	19	0	 65	14	0	 84	- 0
1852	********				22,550	16	0	 165	10	0	 72	15	0	 88	19
1853	********					17	6	 155	1	0	 116	13	0	 126	0
1854	********					1	0	 144	13	0	 103	1	0	 128	-0
1855	********				499 5490	11	8	 141	17	0	 95	16	0	 126	- 0
1856	*******	5585	 536	90	26,956	11	6	 139	18	0	 89	2	0	 126	- 0
1857	********	5266	 256	11	22,470	9	0	 156	19	0	 108	11	0	 135	- 6
1258	********	4742	 536		28,010	7	6	 148	16	0	 101	10	0	 126	- 0

THE PROGRESS OF MINING IN 1858,
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Notices to Correspondents.

* Much inconvenience having arisen, in consequence of several of the Numbers during the past year being out of print, we recommend that the Journal should be regularly filed on receipt: it then forms an accumulating useful work of reference.

TIN SMELTING.—The monopoly so long carried on in the county of Cornwall in the smelting of tin ores, is at last, we are informed, about to be broken up by a spirited individual in the western division of the county, who has recently purchased and put it order some extensive works, and who is prepared to commence operations immediately. We wish him success in his new undertaking.—ANTIMONOPOLIST: Truro, Feb. 15.

We wish in the succession has new undertaking.—As in accordance to the representation of your Journal, when Mr. Robert Oxland is about to give us his description of his patent for the separation of wolfram from tin? It is now two years since he promised this, and yet we are uninformed. Must we conclude, as Dr. Percy said at the School of Minest two years ago in one of his lectures, that this is merely a compilation from Dr. Alken's Chemistry! Some whom I have conversed with state it is a place of the others are led to believe it is a piracy.—Nonenarius.

led to believe it is a piracy.—Nonemore.

Rippon Tor Mine.—Absence from home has prevented my seeing your Journal for the last two months; but my attention has just been called to a report inserted on Nov. 20 on Rippon Tor, signed "N. Ennor, Plymouth." I am not aware of any person of that name but myself, and the public are led to believe it came from me. In order to set them right, I now ask you to insert this notice, wherein I beg to state that I never wrote a single word of that report, or knew anything of its publication until my attention was recently directed to it. But it does appear strange that the leading men of this concern, occupying the position they do, should countenance such litegal proceedings, knowing, as they must, that it was false from the foundation, and unknown to me.—N. Ennos: Wells, Feb. 16.

WENT Charadon.—"A Absence of can obtain all the information be required by addressing

West Caradon.—"Adventurer" can obtain all the information he requires by addressing Mr. W. J. Dunsford, the secretary, at the offices, Adam's-court, Old Broad-street. No useful result could follow publicly answering such enquiries.

THE PREMOTESE MINES—*F. A.," (City).—We should think Dr. Francfort's report might be relied upon. He has long enjoyed a high reputation in America, and is undoubtedly a thoroughly practical miner. As to his knowledge of the locality, we can only state that he has been for some months engaged in superintending the mining operations of the Victor Emanuel Mining Company, and that some thirty or forty Cornish rulners are placed in his charge.

rations of the victor Emanuel Mining company, and that some thirty or forty Comisin miners are placed in his charge.

EAST TREFUSIS—EAST BASSET,—Since Mr. Crofts has attributed the important (not fact) mistake to his inspection of a map of the Builer and Basset district, for aught I know, as far as Mr. Crofts is concerned, he is not so much in error. Perhaps there are some maps of mining districts in London which (had it not been for the type employed) might just as well be considered as maps of any part of Middlesex. Mr. Crofts has now further stated that East Basset lode is represented as dipping south, and probably this may render an assumed "important fact" a doubtful one, in which case Mr. Crofts has been misted by his informant, and that the public must now look to me for the real state of the question. In compliance therewith, I would inform Mr. Crofts and the public that the adit level on the back of East Basset lode traverses the whole fength of Copper Hill sett, and the lode only underlies into East Basset about 50 ms. below the adit level. Hence it may be easily discerned that the underlie of East Basset about 50 ms. below the adit level. Hence it may be easily discerned that the underlie of East Basset at And further, the lode on which the shaft is now sinking at East Trefusis also underlies north; and the back of East Basset tole is a great part of a mile to the south of that of East Trefusis. I hope that Mr. Crofts in future will succeed in obtaining more correct information on local matters.—Cousin Jackey: Peb. 15.

Minno, 18 Western, Austrialla—A, few months since you referred to a company for

iocal matters.—Cours Jacket: Feb. 15.

Minno in Western Australta.—A few months since you referred to a company for working mines in Western Australia, and I should be glad if you would inform me where the mines are situated, what are their prospects, and the London offices?—D. A.—The offices of the Geraldine Mining Company of Western Australia are in Ingran-court, Fenchurch-street. Mr. Henry Grellet, of 33, Lime-street, one of the directors, was formerly a resident in the colony.—Ed. M. J.]

WHEAL CHARLOTTE.—"A Shareholder" must append his name to his statements.—"A Lover of Truth" must also show his sincerity by authenticating his letter.

Utilisation or Scleptic.—in the Mining Journal of March 13, 1868, an invention, due to M. Dumont, for turning the fumes of sulphur disensaged in the reasting of ores, smelting and refining metals, &c., to account was described; and it was then stated that Messrs. Oeschger, Messlach, and Co., of Paris, were the proprietors of the invention. We have not ascertained that the invention has been carried out on a commercial scale, and presume, therefore, that it has proved a failure.

Port Prilling Gold Mining Company.—Can any of your readers inform me the object of withholding the dividend on these shares, when already registered? I hold some, bought seven years since, in scrip, and now a transfer and the expenses of stamp and fees are demanded from me. Surely there is no lurking intent to make calls, as such a proceeding would lead any one to suppose?—J.

a proceeding would lead any one to suppose?—J.

In Port Phillip and Colonial Gold Mining Compant.—The anonymous scribe who addressed the Port Phillip shareholders in your last Journal should explain what he means by writing about the company's "elaborate machinery and apparatus for dressing many thousand tons per week of auriferous alluvial soil of exceeding richness, being in a virgin state." Now, I think every one with a smattering of mineralogy knows that gold found in an alluvial soil in a virgin state is free gold, being produced from the decomposed quartz after the fluvial era, and that this is just the kind of gold that does not require either elaborate machinery or apparatus for its asparation from the soil. But as regards the Port Phillip Clunes Mines, I believe this auriforous alluvial soil of exceeding richness, &c., only exists there in the imagination of your correspondent. In conclusion, I would add that no one is more rejoiced than I am to find that a more favourable tide in the affairs of the company has set in, and if we had an honest, upright, and independent home management, this tide would lead us on to than I am to find the upright, and independent home management, this tide would lead us on to ne.—Chris. Richardson: Feb. 15.

that a more rayourable tide in the affairs of the company has set in, and if we had an honest, upright, and independent home management, this tide would lead us on to fortune.—Chris. Richardson: Feb. 15.

Mount Carbon Mining Company.—Some years since this company was ushered into public notice under most favourable auspices. A grant of land, abounding in timber, and a large coal field, was opened to our industry. Mr. Gerald Raiston, of Tokenhouse, yard, was the President of the company, and an influential direction was formed. Mr. Gerifin, a civil engineer, formerly of the Irish Magnetic Telegraph Company, was dispatched to the scene of operations. Shortly after he had been there a change took place in the direction, and we had a new board formed. Whether the shares were disseminated over the provinces or not I am unable to say; afficient it is for me to note that we had not only a board of town directors, but likewise persons who were in the government, one of whom resided in Glasgow, while the other was located in Dorsetshire. Reports were forwarded to us of the value of our property. We were told that a market for our coals could be found in Cincinnatil. A great mining authority, Prof. Ansted, was dispatched to the scene of operations, and although at that period some doubts were thrown upon the capability of our agent, yet the property was reported most valuable, and, if properly worked, likely to return a large profit. Money was raised by bonds. Capt. Smith, one of the seliens of the property, after the issue of an action, which it is not necessary here further to allude to, departed to the land of Stars and Stripes. After this we had a committee of investigation, one of the most prominent members of which was Mr. Thomas Coxhead, the accretary of the Great Luxembourg Railway. The results of their lucubrations we never received. The next phase of our existence was that Mr. Francis Passingham, of Trure, had been dispatched to Virginia to report on the property. I have his account now before me, and from this

Inquirer" would be giad to know if an adventurer in a mine is not legally entitled to be furnished with the names of his co-adventurers, and also with their places of residence and occupations, and whether the secretary cannot be compelled to supply them; also what is the remedy in case of his refusal to do so.—[We do not think "Inquirer" is entitled to what he asks; he is suitited to see the cost-book and transfers at the offices of the company, and this will give him the required information. DOD IN ENGLAND.—The question has been again mooted, and several of our eminent men have expressed a belief that the preclous metal may be found in the cros of lead, galena being one of those which they specially refer to. I have seen myself several specimens from Dolgelly: might not a trial be made there? Surely this would be a more legitimate investment than embarking money in foreign adventures, where but little control can be exercised over the superintendents, who in many cases are appointed from motives of influence, and not of competence.—S. A.

EXPENSE FURNACES.—D. Beite, one of the proprietors of the Elbe Smelting Works.

INING FURACES.—Dr. Beite, one of the proprietors of the Elbe Smelting Work ar Hamburg, has in that city small furnaces for the purpose of refining gold an wors weepings. A communication to him, no doubt, would receive due attention d the imformation required would, in all probability, be immediately forwarded.

ST. AUBYN AND GRYLLS .- "An Old Subscriber" should write to the broker thron

whom the shares were purchased.

LEVANT MINERAL CONPANT.—The remarks made on the proceedings of the company is your last week's Journal I consider extremely apposite. We were led at one time the expect that under the auspices of the present direction the whole of the mineral wealt of the Turkish empire would be laid open to British enterprise. It appears, however from the meagre report issued at the extraordinary general meeting, that it was merel a question of home expenditure. No one can dispute the integrity of any of the gentlemen on the beard; both Sir Baldwin Wake Walker and Mr. Layard have not only an Asiatio but likewise a European reputation; great things were expected of then and, therefore, let us hope that at the ordinary meeting in March we shall receive sue a report that will not only reassure the confidence we have never lost in the direction but at the same time prove to us how energetically they have been prosecuting that the same time prove to us how energetically they have been prosecuting the confidence within the direction which their drat prospectus contemplated.—M.

GEOLOGICAL STUDIES.—One of the best works on this subject is Sir Henry de la Beche

EOLOGICAL STUDIES.—One of the best works on this subject is Sir Henry de la Beche
"Geological Manual;" Phillips's "Mineralogy" is likewise a standard work. Berzz
lius on the "Use of the Blowpipe," was translated some years since. Brande's "M
nual of Chemistry," is also very useful. Mr. Weale, of High Holborn, would be en
abled to provide the necessary works on this subject.

CADIAN CHARCOAL IRON CONFANY.—Legal proceedings are being taken against shareholders in arrear of call. The office is at 47, 01d Broad-street, and the secret will be happy to afford all necessary information to shareholders.

will be happy to afford all necessary information to shareholders.

To THE SHAREHOLDERS OF THE QUARTZ CRUSHING COMPAN (LATE AULA FRIA).—I am and Agrua Fris shareholder and debenture holder, and agreed to take shares in the Quartz Company for my interest in the Agua Fris, and pay the necessary call. We are called upon to wind-up the company on Feb. 23.—I think before we agree to this that a certain number of shareholders should be appointed as a committee, to investigate all accounts, confer with the present directors, and make a report to the general hody of shareholders as to what they advise. If we have a valuable property, do not let us sacrifice it; much hetter to subscribe the amount of debts, if reasonable, and then consider what it best to be done. Certain parties are always ready to drive the shareholders to a forced sale, purchase the property for a small amount, which has cost thousands, and then start the whole affair with large profits to themselves. I am unable to attend the meeting, and offer these remarks for consideration. Do not be in a burry.—A Shareholder.

St. ENDER CONSOLS.—This mine was started in 1851; can some one interested inform

ST. Exoper Coxous.—This mine was started in 1851; can some one interested informe of the result? I am informed the certificate was incorrect, as it is impossible thim it the liability of a shareholder under the Cost-book System; but I should like some particulars.—Z.

some particulars.—Z.

Lavy Cossols.—In reply to "Delta" (of Tavisteck), I beg to state that, upon my obtaining the management of this valuable property, the first object was to procure th
lease as granted by his Grace the Duke of Bedford and Mr. Strode, Messrs. Fisher an
Codd being present at the general meeting on Jan. 25, when they stated the forme
lease had been prepared, but not excuted. The latter was held by Mr. Fisher a
trustee, and abould have been handed to the committee. I am in communication wit
the solicitors to the Duke of Bedford, Messrs. Wing and Dulane, of Gray's Inn, upo
the subject, and trust to obtain the lease from present date in lieu of the former, a
1-15th dues.—T. FULLER, Sec.: 51, Threadneedle-street, Feb. 17.

Mr. Campin's communication on Patent Reform and Reformers shall appear in our next

Mr. Campin's communication on Patent Reform and Reformers shall appear in our nex Sur-Campin's communication or Fatent neutrina and according a special to the rect would be satisfactory if the directors would state by what conveyance their late despatch was received. If by Southampton, their late publication can be understood; but there are evil-disposed persons who imagine that jobbery is at the bottom of everything in the least irregular.—L.

*Received.—8t. Pietre Foley—James Methrell, Lady Bertha—"Expectant," Tavy Consols—"B. B.," Bosewarne United—"One and All," Fort Phillip and Colonial Gold

We are compelled to postpone the letter from our Wolverhampton correspondent.

EARLY PUBLICATION OF THE MINING JOURNAL. - In compliance with LLY FUBLICATION OF THE MINING JOURNAL.—In compliance with the frequently expressed wish of many of our subscribers to receive the MINING JOURNAL ON Saturday evening instead of Sunday morn-ing, we have at length succeeded in completing our arrangements for publishing in time for the Saturday morning's mail. Henceforth the MINING JOURNAL may be obtained at our office at Five o'Clock A.M., or can be delivered by any Newsman in the metropolis with the morning papers.

morning papers.

With last week's Mining Journal we gave a Supplemental Sheet, which contained—The Patent Law, and its Reformers; Trevithick in Costa Rica; Outlines of Practical Science; The Mining and Smelting Interests of Chile; Mr. Cuell's Statistics of the Mining Interest; Cornish Mining Photographs—Rosewall Hill; Legitimate Mining; On the Progressive Applications of Machinery to Mining Purposes; On the Artificial Formation of Oxychloride of Copper (Atacamite) and the Sulphates of Copper; Distillation of Shale; Steam Generators; Improvements in Wheels and Skids; Economy in Coal, &c.

THE MINING JOURNAL

Bailway and Commercial Gazette.

LONDON, FEBRUARY 19, 1859.

When we look at the state of the iron manufacture of this country, w When we look at the state of the iron manufacture of this country, we are justly proud of it as one of the greatest branches of our industry; when we speak of the Crawshays, the Balleys, the Guests, we congratulate them on their wealth; but if we were to go a step further, and ask what has been the fate of the men greater than capitalists, who are the authors of this progress, we cannot give a satisfactory account, for we should have to recount the names of men much more familiar than those of Crawshay. Balley, and Guest—the names of Cort, Mushet, Craws, Nelens, Heath, and Rogens, of Nant-y-Glo. What a melancholy history is that of each of these men, by each of whom tens of thousands of our population are yearly maintained. A Crawshay or a Guest may die, leaving behind him an extravagant heir by whom the fortunes of the firm may be shipwrecked, vast works be doomed to desolation, his workmen sent adrift, and his family be consigned to its original condition of obscurity; but though a Cort or a Heath dies, the solid fruit of his ingenuity remains as a perpetual possession to the commonwealth, and to give em-

rity; but though a Cort or a Hearth dies, the solid fruit of his ingenuity remains as a perpetual possession to the commonwealth, and to give employment to the masses and freights to our shipping, whatever works may perish or whatever firms may fail. Thus, to such men a debt of eternal gratitude is due: what is paid to them is injustice, litigation, and robbery; for, instead of giving them their portions of the substance they themselves have created, we rob them in one way or another of their other property.

The history of the great Cort, which we have so frequently brought before the public, and for whose family we have had to beg a subsistence, is no more melancholy than the others, sad as his was, for he was reduced to beggary by the representatives of the community, the Government; and yet his inventions are the root of one great branch of our national wealth and of our national defences; for justly do we rely upon iron, as other states upon their fertile nurseries of men. For the aged daughters of this national benefactor a scanty pittance has been extorted from the Civil List; for the aged son we have endeavoured to obtain a subscription of the iron trade, and, after the most painful exertions, have not succeeded in obtaining a sufficiency. As to Mushier, his life was a contention with pirates, ing a sufficiency. As to Musher, his life was a contention with pirates and although he was the fruitful author of most important inprovements in our ironworks, no mark of public estimation was bestowed upon him. Crane, of Yniscedwin, has created new resources for that nursery of our CRANE, of Iniscedwin, has created new resources for that nursery of our strength—South Wales. Having gone through his contest with the villainy of pirates, he is now allowed to enjoy some of the earnings derived from the practice of his own inventions, undistinguished by any public honour or reward, unless it be that he is graciously permitted, without the Court of Chancery or Holy Inquisition forbidding, to place a crane, the emblem of his name, on his own iron. Bailey and Guest got baronetcies for no political services to the State, but for having, by means of the inventions of other people had the opportunity of servicing vast wealth and ntions of other people, had the opportunity of acquiring vast wealth, and coming members of the Commons House of Parliament, in which they I not shine. No Minister has sought out Crane or Neilson with the offer of a baronetcy or even a knighthood. Whether either is a justice of offer of a baronetcy or even a knighthood. Whether either is a justice of the peace or deputy-lieutenant depends on the chance of his being of the same political creed as the lord-lieutenant of his county. Nextson, who has been publicly distinguished for his invention of the hot-blast—"hot-blast!" "hot-blast iron" is familiar all over the country—was rewarded by his subjection to a series of litigations in the English and Scotch law courts, unparalleled, we believe, even in those nests of iniquity. It is not strange that there are benevolent men who propose to deprive inventors of

patents, because patents are only a cause of delusion and litigation, subjecting the unfortunate possessors to ruin, and it being supposed they might in most cases earn a better livelihood by engaging in some other business, and leaving the real owners of their inventions, the pirates, to make fortunes by them. Nellson, happily, is not in the workhouse, because, like Crane, he has managed to make some property from the remants of the earnings of his great inventions, but nothing was wanting which could realise to him the bitterness of persecution.

This brings us to Hearit, less happy, who died broken-hearted in the midst of his sufferings, having spent a handsome fortune on experiments and in law, and endowed this part of the empire with a branch of the steel manufacture, and India with the iron industry. This great man had the misfortune, beyond the trade pirates, to have a special enemy in the sharks of the law, the hostility of one judge being sufficient to deprive him of any returns for his invention. To the inventor law and equity are indeed names of delusion, for he can obtain neither of them. The name of Heart will be an eternal shame to Sheffield, whose manufacturers robbed him, unless some consciousness be shown of their crimes. It is a small matter for Sheffield, enriched by the proceeds of the cast-steel process, to raise a statue to Hearth, to subscribe an endowment for his family, and to grant them small annuities from the borough fund. There is, we believe, not a man of science in the country who does not attest to the rightful claims of Hearth, and how nobly does Rogens defend them in his Iron Metallurgy.

So we come to Rogens himself, one of these living benefactors. We have not to seek him in the tomb, where Corr and Hearth were laid in sorrow, but we may still consider what honour we can award him, and what encouragement we can bestow upon his labours; and, doubtless, there is good opportunity for this, for the name of Rogens, of Nant-y-Glo, must be better known to the man of science and the

regretted, for then there would be some chance for the great workers in the fields of industry.

There is some chance for the name of S. B. Rogers being known, for

There is some chance for the name of S. B. Rogers being known, for we believe we are correct in saying that his improvement in the preparation of coke was put in action at Pontypool, in Monmouthshire, half-acentury ago, by date 1808, and that he has been an assiduous worker ever since for the improvement of iron metallurgy. We shall briefly recapitulate some of his labours on that head, and first we shall briefly recapitulate some of his labours on that head, and first we shall briefly recapitulate some of his labours on that head, and first we shall refer to the invention of iron bottoms for puddling furnaces. This has likewise been in operation as long as half-a-century, and has greatly benefited the trade, according to some calculations, to the extent of many millions. This great invention, we believe, actually went begging, Mr. Rogers having to beg that it might be adopted, and, as it has been successful, of course he has not been rewarded. We may safely say that he never receive is shilling for it, and we fear we may say that he is never likely to receive one. With the intense heat of furnaces they are liable to rapid destruction, and the hearths have to be covered with artificial bottoms. These for iron furnaces in the last century used to be of sand, as in some other metallurgic pro-

for it, and we fear we may say that he is never likely to receive one. With the intense heat of furnaces they are liable to rapid destruction, and the hearths have to be covered with artificial bottoms. These for iron furnaces in the last century used to be of sand, as in some other metallurgic processes, and the furnaces could then only turn out 8 or 10 tons of puddled bar per week; but now, by the use of iron bottoms, the weekly yield of puddled bar is raised nearly threefold—to 20 or 24 tons per week; and the effect of this on our national industry may well be conceived. Without Cour's invention and this, we could not compass the supply of our raily ways, steam-engines, and iron ships, the great instruments of our wealth and strength. The application of blackband and of hot-blast have likewise correspondingly increased the yield, and thus the labours of one of these inventors contribute to the vast enlargement of the results in cooperation with the labours of the others. After Cort has doubled the work, comes Rogers to double that; then Nellson increases this result, and the produces go on augmenting in ratio.

The improvement in the manufacture of coke just referred to is an important one, but perhaps the chiefof Mr. Rogers's labours is his book on Iron Metallurgy, in which he has made public various inventions and improvements in the manufacture of both iron and steel, and the application of which it may be justly considered will still further seriously affect the produce of those materials. To these objects the endeavours of a life have been directed, but with small encouragement; for here again the inventor has to become a missionary to propagate his inventions, which go begging; and instead of being readily received as the recommendations of a successful man and public benefactor, a variety of reasons are ingeniously found for trifling with them. Doubtless, if Mr. Rogers to remain in his establishment.

The chief inventions which result from Mr. Rogers to remain in his establishment.

The chief inventio

was indeed the great inducement to Mr. Rogers to remain in his establishment.

The chief inventions which result from Mr. Rogers's observations, and which he seeks now to introduce, may be placed ender six heads. First of these is the working of blast-furnaces with new fluxes and prepared furnace mixtures, so as to increase the yield; second, the smelting of pigiron with a soft blast; third, a new mode of refining pig-iron; fourth, puddling the improved metal and pig-iron with a flux; fifth, applying the gases from the smelting-furnaces for various purposes; and, sixth, lighting the whole of our ironworks with gas free of expense, except for plant. The mere enumeration of these objects, all important and all practicals, should meet with any notice, and the inventor frets his life idly away, unrewarded for his past services, and, what perhaps such a man feels most, without the opportunity of carrying out what he knows to be most essential improvements, and which he justly feels to be capable of making a revolution in the manufacture.

Mr. Harr Scrivenor, and other parties, have written what most suppose to be histories of the iron trade, and their readers exult as they find recorded its wonderful progress; but there is another history still to be written, in which shall be portrayed not the successful result of the inventions, but the struggles of the inventors, which, beginning with Dudler and not, we fear, ending with Rogers shall faithfully detail the treatment of these illustrious men, and the conduct of the inventories them. Simple neglect, the omission of duty, is the least of the commission of positive crimes in the combinations against Neuron, for the commission of positive crimes in the combinations against Neuron, for the commission of positive crimes in the combination against very the headers of the inventories, and nothing for the promotion of metallurgleal science? We say nothing, for we are well aware of the trifling subscription for Corr's family. They have not raised, as some trades would, subsc any important or promising invention, or to reward the inventor—as, for instance, the coal trade did in the case of the safety-lamp, when they gave contributions to DAVY, STEPHENSON, and CLANNY. There are in the country statues or busts of Watt, Stephenson, Trevithick, Wedg WOOD, TENNANT, and many other benefactors of our national industry; but there are none of Dudley, Cort, Mushet, Crane, Neilson, Heath, Rogens, or the numerous benefactors by whom this great trade has been really and truly built up. Now, if there be any one trade in the coating which can afford funds for any purpose it is the iron trade, for speculative as it may be, and fierce as its competition, the whole trade is not kept in a state of starvation as some are, but there are steady profits, and colossal fortunes soon accumulated. The trade, too, is one well organised; the ironmasters have their quarterly meetings, and they can speak out in strength on any class question, and it its easy for them to raise a fund for experiment or suggestion.

asters are quite content to let the Government or the comm nity reward inventors, and the Government do nothing, and the community naturally leave the matter to the Government, or the class immediately naturally leave the matter to the Government, or the class immediately benefited. Property has its rights—that the ironmasters well understand for it gives them commissions of the peace, aldermanships, the deputy lieutenant's uniform, shrievalties, seats in Parliament, and barrometices but it has been said property has its duties as well as its rights, and would remind the ironmasters of this, that they may exercise both, and we give them a good opportunity with Mr. Rogers, and a profitable one. They may either award him a testimonial for his furnace bottoms, or they th No we for lat po pe nit

of

may raise a subscription for trying some, or all, of his great iron processes, for the general benefit of the trade. Of all acts of liberality those may be most truly said to have their own reward which are exercised in behalf of the inventor. Boulton reaped a handsome fortune, and attained just respect, for giving the aid of his capital and industral enterprise to James Wart, whilst the latter was enabled to pursue a career of experiment of great value to general science, and to the business in which they were jointly engaged. Had Wart sooner obtained the assistance of Roebuck or Boulton, how much more might he not have done for the advancement of mechanical art? The thousand pounds Gronge Stephenson received for the Geordie safety-lamp, small sum as it was, he did not put up in a napkin, or save it to keep his family in idle gentility; but appropriating part for the education of his son, to become his helpmate in his scientific pursuits, and the successor of his labours, the main portion he devoted to the formation of a locomotive factory, which has since become a source of wealth to the country, for from it hundreds of locomotives have been sent to all parts of the world, and other factories have achieved like results. It was the proceeds of the invention of a musical instrument that Professor Wheatstore applied to experiment, first on the acoustic, and afterwards on the electric telegraph, and if he has since obtained a large pecuniary reward, from Government or the community, he has received nothing.

When we consider that Mr. Roores, after half a century of labour, is at an advanced age, we should think the ironmasters of South Wales more particularly will be desirous that he shall not depart from us without himself carrying out the inventions which he has perfected—that he shall not live conforted solely by the prospect of posthumons fame, when his life may be made happy by the attainment of success. There are circumstances in the situations of such a man which more particularly command our sympathy. Men

The "Derrick," which not many days since lifted a ponderous mass of machinery from the spot where it was deposited on the banks of the Thames, and transmitted it, poised high in air, to the Leviathan—we like old names, even though they may be coupled with certain unhappy reminiscences—upon the deck of which it placed the mighty burden with a gentleness and caution that in earlier times would have been very possibly attributed to the "black art," and voted awfully instinctive, is a type of the science which presides over the labours of civilised nations in this year of grace '59. Great Britain more than any other country is influenced by this extraordinary genius; and among the countless varieties of her industry, which never ceases to adapt itself to the progress of mankind, it for mately occurs that Mining, in its application of machinery, has the greatest and most incontestable claim to precedence in improvement. The Cornish engine marks an era in the scientific world, and the constructive capabilities of our people set no bounds to that sphere of science in which they pursue their characteristic avocations. It would be a libel on intelligence to doubt the unlimited inventive and adaptive qualities of the mining community, and while their indomitable perseverance is ever increasing the material wealth of this country, their insullectuality adds. gence to doubt the unimited inventive and adaptive qualities of the mining community, and while their indomitable persoverance is ever increasing the material wealth of this country, their intellectuality adds to our moral superiority as a people, and exemplifies the great practical truth, that industry arises superior to all opposition, and inevitably overcomes all the difficulties of its position.

the difficulties of its position.

In the use of the steam-engine, however ingenious we have been in its construction, we are far from perfect. This remark must not, at the same time, be considered as especially applied to mine engines; for although accidents of the most deplorable nature have occurred from boiler explosions at mines, still it is but just to admit their steam appliances are in the aggregate more cautiously and intelligently supervised than in other departments of reproductive labour.

However, be that as it may, faults do exist with mining people in their management of steam power for which it would be difficult to find any palliation. That others commit them to a greater extent is no excuse for our errors, and when accidents occur, inflicting loss of life and property, and entailing misery on whole families, and that such accidents arise from the ignorance and incompetency of persons to whom the working of steamengines is but too frequently confided, it follows that owners and others who have ratified the appointment of such persons as engine-men should be who have ratified the appointment of such persons as engine-men should be held responsible in the eyes of the law, as they certainly are in that of moral justice. It is a criminal abuse of power in a manager to nominate any person to so responsible a position who is ignorant of the awful consequences of any neglect of certain rules respecting the boilers and other portions of machinery. An intelligent and experienced correspondent, in our last Journal, enquires "What is that class of men with the care of three-fifths of our land hollers in their charge composed of a far as knowledge of Journal, enquires "What is that class of men with the care of three-fifths of our land boilers in their charge composed of, as far as knowledge of their responsibility is concerned?" They are declared to be men at once ignorant and dangerously incapable. But in a matter thus involving the security of our labouring community, who are dependent on steam-power for the safe and successful issue of their toil—in fact, where life is so risked, and yet so recklessly sacrificed, through ignorance on the one side and sordid negligence on the other—we cannot do better than present to the reader the graphic description afforded by the gentleman we have already alluded to. "All who run may read," as the old proverb has it, but we venture to assert that none will turn away from a perusal of the following without being convinced of the great importance of the subject under discussion:—
"Make"—writes our correspondent—" one trial; so into a boiler-hofus: and see the

convinced of the great importance of the subject under discussion:

"Make"—writes our correspondent—in one trial; go into a boiler-hofse; and see the man with his coal-shovel in his hand; ask him how many horse-power does his engin represent?—He does not know. How many horse-power hose bider?—Followed by the same answer. What pressure of steam have you?—I do not understand the lever, six and I never heard what pressure we work at. Have you a blow-off cock?—No. Sir How do you keep your boiler clean?—We take the gland from the pipe in the bottom and blow out the mad. How often do you do this?—When we have time we do so ever month; but we have been very busy lately, and I think it is now nearly three month since we cleared it out; I wish we had time to do so, for I find it hard work to keep the steam when it is so ditry as it must be now. I suppose you take care to keep the fee wall up to prevent accident?—Well, Sir, our water-gauge gets so choked up that cannot tell how high it is exactly sometimes, until I clean out the table. Well, suppose when you have cleaned your gauge you find nothing but steam to issue from it, how dyou manage?—Why, then, Sir, of course I lets in more feed!—Execunt visitor."

And in time, too; for when would a man's life be worth an hour's pur.

And in time, too; for when would a man's life be worth an hour's purchase where such a system could be tolerated? Again, it is asserted that one boiler was found on inspection to have become through culpable, yet by no means extraordinary negligence, half full of solid stone, which was en-deavoured to be got rid of by the very original scientific medium of boring and blasting: this was effected, the crystalisation, however, revenging and blasting: this was effected, the crystalisation, however, revenging itself on the sapient solvers of its continuity, by taking away with it a portion of the boiler itself. All this is a matter of serious consideration; the ore so, that it would appear that the grand secret of boiler explosions, which scientific men have laboured so hard to penetrate, lies in the vitiated system which people have adopted of confiding to ignorant men, because their labour can be had at a low rate, duties which require intelligence and practical knowledge for their direction. Such recklessness ought to be suppressed by the strong hand of the law, and such ignorance visited both on the employer and the employed with the utmost severity. Are we to have no end of these fatal practices? In certain quarters, the question "What is the use of Inspectors?" is beginning to be somewhat testily mooted, and not without some show of urgent reason. For ourselves, we are of enginen that the system of mining respectives should be whet in tion "What is the use of inspectors?" is beginning to be somewnat testily moded, and not without some show of urgent reason. For ourselves, we are of opinion that the system of mine inspection should be what in modern times is termed "centralised;" it should be governed by some responsible and practical body, a point within the circle from which would the state of action the officials should pursue on a principle of duty and discipline. Irresponsible emulation never fails to give rise to jealousy and obstinate preindice, and where every man rides his own bodby, the and obstinate prejudice; and where every man rides his own hobby, the eccentric equestrianism that ensues is sure to "stop the way."

To something of this sort may be referred much of that fatal negligence

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which has occurred among the mine-class tenders of land-boilers, and that laxity of management in which such destruction of life has resulted. Noticing this feature of the system for the present, currente calama, we trust to the good sense and humanity of all persons using steam-power we trust to the good sense and numanity of an persons using steam-power for an equitable administration of their right to make appointments in the labour they pay for. And we feel a moral confidence, that having thus pointed out the culpability of giving a place as engineman to an incompetent person it will for the future be avoided, and in our mining community became one of our physical express.

letter from British Columbia, purporting that in a few months there must, according to present appearances, occur a considerable demand for machinery, and steam-power is talked of as fated to be called into very active requisition. This may at first sight seem a little too much on the go-a-head principle, but there is one great difference existing between this new El Dorado and the gold regions of both Australia and California: in the latter places at the commencement all was anarchy and confusion; in Columbia, on the contrary, there is peaceable organisation, and where such combination is we are not prepared to doubt the most sudden and startling evidence of success and prosperity. The gold tracts of this dependency promise rich and steady returns, the "takes," under the rudest operations, range from \$10 to \$50 per diem, and now that the winter in British promise rich and steady returns, the "takes," under the rudest operations, range from \$10 to \$50 per diem, and now that the winter in British Columbia is reported to be as bearable as others in which there are considerable populations, settlers, prepared for whatever wind or weather may occur, will be found rapidly making permanent homes in the auriferous localities. With reference to the gold already estimated upon shipment returns, and the purchases made by the Hudson's Bay Company, the amount of British Columbian gold reaches in the aggregate to \$695,000; but taking into consideration the large quantities of the precious metal reserved by the miners themselves, the yield cannot be far under \$1,000,000. That such a country, then, as Columbia will take a high place among British colonies there cannot now be a shadow of doubt, and that a great

That such a country, then, as Columbia will take a high place among British colonies there cannot now be a shadow of doubt, and that a great demand on the manufactures of the parent country will be a consequence for many years is equally certain. Victoria in a short time must become a place of note in the commercial world. In that country (Columbia) are all the elements of 'food for enterprise;' under British laws, equitable but strict, society there will soon grow in strength, and organise in magnitude. Habits of industry will be the best protection of peace and order, and to all who congregate to work the gold resources of those vast and rich regions, we say peaceably combine. Peaceable combination is the "Derrick" which will move the mountains.

At length we are in possession of the Board of Trade returns of the exports and imports of the United Kingdom for the years 1856, 1857, and 1858, and for the month of December in each year. They were issued only yesterday, although, as we mentioned last week, they have been ready (or subhistic). or publication for some weeks, so that there has been no reason for the delay beyond the mere formula of presenting the annual statement to Parliament. It is an inconvenience to the commercial community so easily obviated that it is to be hoped that in future these documents will be laid on the table of the House on the first night of its reassembling, if this routine business is to be continued.

on the table of the House on the first night of its reassembling, if this routine business is to be continued.

The total exports for the year ending Dec. 31, 1858, are declared at the value of 116,614,331*l.*, which is a decrease, as compared with 1857, of 5,451,776*l.*, but an increase over 1856 of 787,383*l.* The total amount for 1857 was 122,066,107*l.*, and 115,826,948*l.* for 1856. For the last month of 1858 the aggregate of the value was 10,058,769*l.*, which is an excess over the same month of 1857 of 2,910,728*l.*, and of 13,543*l.* over Dec., 1856. The control decrease for the entire variety set 1855 is not consequently. over the same month of 1857 of 2,910,728L, and of 13,543L over Dec., 1856. The general decrease for the entire year of 1858 is not, consequently, so much as might have been expected, for the public were certainly not prepared for so large an amount of increase for the month. The returns may consequently be considered favourable, showing, as they do, that there is a steady revival of the exports, and that encouraging returns may be anticipated as respects the coming spring trade. This is the more apparent from the returns as to gold and silver, to which we refer hereafter.

The largest proportion of the total decrease for the year has resulted from metals and metallic manufactures, for of the deficiency of 5,451,776L the sum of 3,890,639L is represented by these articles; but this can be easily accounted for, when it is borne in mind what a cessation of operations has occurred in various parts of the world in the several works which lead the demand on this country for metals and metallic manufactures in

ead the demand on this country for metals and metallic manufactures in all their branches. The relative position of mining industry, as compared with the general trade, is nevertheless most important; and, notwithstanding this heavy falling off, comparatively, the value is equal to about two-ninths of the whole, the total of metals, &c., being no less than 26,265,735%. as compared with the aggregate of 116,614,331% of every branch of the export trade of the United Kingdom. The details will be found, as usual, in another column, and in a tabular form, that the difference in each item was be seen. There was a slight increase in reaching. ence in each item may be seen. There was a slight increase in machinery, as respects "steam-engines," but in "other sorts" there was a falling off to counteract this improvement in this special branch. In "brass" there was likewise an advance over 1857 of 11,340%, but in all other descrip-

was likewise an advance over 1857 of 11,340%, but in all other descriptions there was a balance on the other side.

Of the total exports of last year the value sent to foreign countries was 76,389,337%, and 40,224,994% to British possessions. The number of vessels employed for this purpose was 42,834, with a collective tonnage of 9,336,705, or an average of about 233 tons per vessel; of these 23,455 were British ships, which represented 5,873,936 tons, or an average of 252 tons per vessel, consequently there were 19,379 foreign vessels, with a tonnage of 4,062,719, or equivalent to about 209 tons per vessel. Of the 23,455 British vessels only 5361 were engaged as between this country and British possessions, so that no less than 18,094 were occupied in the trade with femion countries.

respect to the value of the imports and exports of the precious metals, we find that the balance is greatly in favour of this country, both as respects the month of December and the year then ending. In the shorter period the imports represented 3,147,730 ℓ , while the exports were 2,714,985 ℓ , so that there was an excess of imports over exports of 432,745 ℓ . In the year the total imports are set down in value at 29,493,190 ℓ , and the exports at 19,628,876*L*, consequently giving a balance of 9,864,314*L* to the credit of this country. The total exports of gold and silver in 1857 amounted to no less than 33,586,968*L*, therefore the shipments of 1858 amounted to no less than 33,586,968*t*, therefore the shipments of 1858 were less than those of 1857 by no less than 13,958,092*t*, and than which nothing can be more indicative of the favourable position of the country, for while affairs are adverse gold necessarily goes out, and comes in when the demand is to this country for its various articles of exports.

MINING EDUCATION.—The Bristol School of Mines has issued its sylabus of lectures for the ensuing term. The subjects selected are—"The Geology of Gloucestershire," by Mr. Handel Cossham: "Patent Steam-Breaks, and Facts connected with Over-winding," by Mr. Heth Ogden; "Furnace Ventilation," by Mr. Mark Fryar; "Safety-Lamps," by Mr. D. Mackie. "The Method of Working and Ventilating Collieries in the Newcastle District" (a paper), by Mr. A. Ross; "Gases in Mines, Safety-Lamps, &c.," by Mr. Lionel Brough; "Colliery Machinery," by Mr. M. Fryar; "The Economy of Steam" (two lectures), by Mr. A. Vickers; "Different Modes of Working Coal" (two lectures), by Mr. A. Vickers; "Different Modes of Working Coal" (two lectures), by Mr. A. Palmer; "Terrestrial Magnetism," by Prof. A. M. Higgins,; "Colliery Management," by Mr. M. Fryar; "The Iron Ores of Somerset and Wilts," by Mr. G. C. Greenwell; "The Iron Ores of the Bristol District," by Mr. T. Coomber; and "The relative quantities of Coal raised per man in the different districts of Great Britain, and the best means of promoting the economy of labour in the working of Coal Mines," by Mr. H. Cossham. This list of lectures cannot but be regarded as satisfactory to all who really wish to see the position of the working miner improved, and furnishes another satisfactory proof of the practical utility of the Bristol School, which, through the perseverance of those connected with its management, has already gained the envisable notoriety of being the best model upon which schools for the education of working miners can be constituted.

Forest of Dear-(From our own Correspondent).—On Tuesday, the 15th, the usual half-yearly meeting for the receipt of tonnage rents, and arrears upon coal and iron ore raised, and certain or "dead rents," upon arrears upon coal and iron ore raised, and certain or "dead rents," upon unopened gales, due to the Crown, was held at the Speech House, in the Forest of Dean, where there was a fair muster of the leading men in the trade, or their representatives. At the conclusion of the business, the principal payers were invited to dinner, which was presided over by Mr. John Atkinson, Her Majesty's Deputy-gaveller, after which the customary and time-honoured loyal and local toasts were drunk. It is usual on these occasions to discuss any matters affecting the interests of the mineral proprietors; and it was thought by many that the opportunity would have been taken to introduce and debate the projected "Monmouth, Dean Forest, and Worcester Junction Railway," but which was not the case. The cause of this lies in the fact, that the promoters have not vet sufficiently matured labour they pay for. And we feel a moral confidence, that having thus pointed out the culpability of giving a place as engineman to an incompetent person it will for the future be avoided, and in our mining community become one of our obsolete errors.

A little rational caution, and a more practical observation of the dutes of employers to their people—to the working classes generally—will soon lead to a solution of the mystery of "Boiler Explosions."

While on this subject, reference may be appropriately made to a private which was not the case. The cause of this lies in the fact, that the promoters have not yet sufficiently matured their arrangements; nor have they issued their prospectus, a preliminary announcement as yet only having appeared. Of the vast importance of the project there are not two opinions; and when the time arrives for the editor. A little rational caution, and a more practical observation of the dutes of employers to their people—to the working classes generally—will soon lead to a solution of the mystery of "Boiler Explosions."

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letter from British Columbia, purporting that in a few months there must, according to present appearances, occur a considerable demand for machinery, and steam-power is talked of as fated to be called into very active promistion. This may at first sight same a little to place a limit. We need hardly say that the prospectus is anxiously looked for

THE MINING AND INDUSTRIAL INTERESTS OF CORNWALL. FROM OUR CORRESPONDENT IN WEST CORNWALL.]

Feb. 17 .- The standard for copper was last week about stationary. The varlike aspect of the times is reported in the journals of the manufacturing districts to be exercising a baneful influence on trade, and checking its onward progress; and we must wait a little for the subsidence of these its onward progress; and we must want a little for the subsidence of these rumours, and the restoration of confidence, before much improvement will take place. There is, however, a general expectation and belief that there will be a good spring trade in metals, and that copper, as well as other metals, will advance. Should war, however, break out, a different state of things will overspread the face of the country, and no one can predict the result. At the present time metallic ores are bringing good prices, and if peace continue there is no probability that they will be lower for some time but the contexts.

the result. At the present time metallic ores are bringing good prices, and if peace continue there is no probability that they will be lower for some time, but the contrary.

The mining market is not particularly active, though investments are constantly taking place in the better class of shares, and dividend mines well maintain their position. There was a meeting of the adventurers on Monday at Dolcoath, when a dividend of 7t. per share was declared, leaving about the same balance as before. The previous dividend, in December last, was 5t. per share. The north part of main lode is exceedingly rich, the levels east and west at the 254 being each worth 100t. per fathom. This is one of the finest lodes of tin that has ever been seen in the county. There is also a very large extent of rich tin ground discovered and laid open; and at other points, where the lode is not so rich, the appearances are very promising, and indicative of improvements. The immense deposit of tin at the bottom of this mine is a great encouragement to neighbouring mines to persevere in sinking below their copper deposits. At Camborne Vean, the indications in the 212 fm. level are reported to bear a strong resemblance to the lode in Dolcoath at the depth where that mine was changing from copper to tin; and, looking at its very promising character, the shareholders should not hesitate to make the outlay necessary to develope the mine in depth. If they are not willing to do it, there will not be any great difficulty in getting up another company to accomplish the work, and, in all probability, open up a rival to Dolcoath in the productiveness. At Stray Park, also, although the mine is heavily in aght at present, there is strong inducement to persevere, from the masterly character of the lodes, and the probability of a tin deposit being met with in depth. At Condurrow Mine, the tin ground is represented to be less productive; but the falling off will be more than compensated by the increase in the sales of copper ore. The lode discovered south character of the lodes, and the probability of a tin deposit being met with in depth. At Condurrow Mine, the tin ground is represented to be less productive; but the falling off will be more than compensated by the increase in the sales of copper ore. The lode discovered south of the main lode may be easily worked at different points, and, from what has already been seen of it, is likely to produce a considerable quantity of copper ores. At West Seton meeting, on Tuesday, a dividend of 7t. per share was declared, being the same amount as at the previous meeting, and carrying to next account a little additional balance. This mine is remarkable for the small balances left after payment of dividends; in the present instance the balance was only about 86t., and at the previous meeting it was 72t. The ores to be credited to the next account will amount to 680t. more than at the present one, which is partly due to the improvement in the standard since November and December last. The mine was never more productive than it is at the present time. On the south lode, the 110 west is producing 12 tons of copper ore per fathom, and the 100 cast is yielding 10 tons per fim. There are four stopes in the back of the 100 fm. level, yielding in the aggregate 38 tons of ore per fm., and at different other points the mine is rich. There is a very good report also from Great Wheal Busy; it is stated that the lode in the 90 fm. level east is producing 11 tons per fathom. East Basset shares continue to hold a good price, being still about 190t and upwards. South Tolgus shares have advanced, in consequence of an improvement in the mine. Pendeen is looking well, and shares have advanced. Wheal Margaret and Providence shares are firm. North Pools are low. East Tolgus, 60t and upwards. Carn Brea, about 70t. North Roskear, 25t.

The agriculture of the county is in a good condition. The winter has

The agriculture of the county is in a good condition. The winter has been very mild, with a considerable amount of rain recently, but the farmers are well forward in their field work. The early-sown wheat is looking well, and the pastures have given an unusual amount of feed for this time of the year. Green food of all kinds and fodder are plentiful. Beef ing won, and the pastures have given an unitasia attout a freet of the time of the year. Green food of all kinds and folder are plentiful. Beef and mutton maintain a good price, but wheat is low. from 4s. 8d. to 5s. the imperial bushel. The present cheapness of bread is an immense boon to the working miners, who are as well situated now as they have been for many years past.

for many years past.

The Stannaries Court is sitting at Truro this week, and I shall notice some of the more important cases in my next.

REPORT FROM NORTHUMBERLAND AND DURHAM.

[FROM OUR CORRESPONDENT.] FEB. 17.—The accounts returned of the exports of coal from this disrict for the month of January are encouraging, as they show a considerable ncrease when compared with the corresponding month of last year. The London Coal Trade also shows similar results, while the supplies sent to

London Coal Trade also shows similar results, while the supplies sent to London by rail still continue to diminish—a conclusive proof that the coal-owners of the North are able successfully to compete with those of the Midland and southern districts. Prices have also improved a little. Coal freights from the Tyne to the Thames are, however, higher—they are at present from 6s. 3d. to 6s. 9d. per ton.

At the Oxclose Colliery, near Washington, very little business has been done for some time. These works are at present carried on by those enterprising masters, Messrs. Elliott and Jonassohu. This colliery was, we recollect, commenced about 19 years ago, by a gentleman connected with the coal trade here. It had, however, been worked in the olden time, and some awful explosions of gas occurred under the old men. The gentleman referred to opened an old pit to the rise of the "whole coal" intended to be wrought, a step which was, by competent judges, considered to be to be wrought, a step which was, by competent judges, considered to be impolitic at the time, as a good deal of whole coal existed, and the most feasible plan certainly was to sink new shafts to the dips of the coal, parreasine pain certainly was to sink new snatts to the dips of the cost, particularly as it was necessary to drift a considerable distance from the old shaft opened in order to arrive at this coal. The result of this system of operation was that a large sum of money was spent, and he was obliged, after a short period, to relinquish the enterprise. The present owners have since that period carried on the works, but with little better results, as they have not made satisfactory progress. An unfortunate holing made a few years ago to the nerth-east of the shafts into some old workings containing a large quantity of water tended very much to this had made a lew years ago to the nerth-east of the shafts into some old work-ings containing a large quantity of water, tended very much to this bad result. They, however, intend to open another shaft immediately, in a position more to the dip, where the chances of success will be very much greater. They will, we have little doubt, still make it a remunerative con-cern, as there are several good seams on the estate; and all that is want-ing to enable them to be worked profitably is a favourable position. The lowest worked seam, and the most coveted on account of its fine quality, is the Hutton seam; the High Main, Maudlin and Low Main seams are, however, all good seams. however, all good seams.

Extraordinary mining operations have been going on for some time underneath Lambton Castle, the seat of the Earl of Durham. This fine structure has been much injured by the colliery workings under it, and the noble owner has been engaged the last two years in opening out those

noble owner has been engaged the last two years in opening out those mines, consisting of no less than seven coal seams, and in filling up the space in them with solid brick and stone-work; about 60 men and boys are engaged on this work, and a large sum of money has been expended. The explorations at the Norwood Colliery, near Gateshead, have been stopped for some time; it is, however, stated that a company has been formed to work it, and that operations will shortly again be resumed. We have not yet been able to redeem our promise of giving some account of the modern operations here, but hope to be able to do so very shortly.

A movement is on foot at present to effect an amalgamation of the North-Eastern and Newcastle and Carlisle Railway Companies. The latter company has for some years been considered somewhat slow, but though a rail-

Eastern and Newcastle and Carlisle Railway Companies. The latter company has for some years been considered somewhat slow, but though a railway of the olden time, was generally considered very steady, and paying regular, if not high, dividends; they are, however, it appears getting into a worse position, and this, it would seem, is owing in a great measure a worse position, and this, it would seem, is owing in a great measure to the short-sighted policy of the company in not fostering the coal carry-ing trade on their line; indeed, it would appear that their scale of charges for coal traffic are of a prohibitory character for some kinds of coal—for coals suitable for the purposes of Landsale, at Carlisle, and other places.

This trade ought to extend and increase, but at present the movement appears to be in the contrary direction, as two collieries on the line, from which considerable quantities of coal have been vended, are in a very unpears to be in the contrary direction, as two contents on the line, from which considerable quantities of coal have been vended, are in a very unsatisfactory position, so much so that it is apprehended they may shortly be relinquished if no improvement takes place. The Blenkinsop Colliery is to be resigned into the hands of the owner of the royalty at the end of the current year; and the South Tyne Colliery, it is feared, will also be stopped. The coals sent by the Maryport and Carlisle Railway have, it appears, almost driven the above-mentioned collieries out of the market, as the latter company's charges for coal traffic are 150 per cent. less than the charges of the Newcastle and Carlisle Company. There must surely be something wrong here, the difference is tremendous. A considerable quantity of coal and coke is sent from Newcastle by the Carlisle and Newcastle Railway for shipment at Maryport, in addition to the Landsale trade, and when the good quality of the Newcastle coal is taken into account, there can be no doubt that if the trade were at all fostered by this company a good business would be done, but their policy lately has tended to paralyse it.

The Wingate Grange Collieries are in the market for sale; they are situated a few miles to the south-east of Durham, and are on a large scale.

REPORT FROM MONMOUTHSHIRE AND SOUTH WALES. [FROM OUR CORRESPONDENT IN SOUTH WALES.]

· FEB. 17.—Since our last a fair supply of orders has been received, both from the Continent and home buyers. There is no lack of business at the principal works, although in some instances additional commissions would be gladly received. Iron for railway purposes is most in demand, and large quantities of rails are constantly being sent away from the works Pigs also sell pretty freely, and the make sobtain the prices now generally current without difficulty. The re-rival of trade is already having a very good effect, in the increased employment of labour, and the returning signs of prosperity which prevail. Improvements are still proceeding at various

good effect, in the increased elemphysment of labour, and the returning signs of prosperity which prevail. Improvements are still proceeding at various works, and at others extorasions are going on. On the whole, our prospects are decidedly fare arrable, and there is reason to hope that the events of the year will be "nore satisfactory than is even anticipated.

The Coal Traine is not very brisk, either at Cardiff or Newport. The former port is full of vessels, but the wind is the chief cause of this. Freights for steam-coal are taken at much the same rates as we recently quoted, but a quiet tone prevails. At Newport the depression continues to be very great, and an extraordinary amount of apathy appears to exist with the dock directors on the subject. They hold a meeting this day (Thursday), but the result is not yet known. It is most important, too, that the coal owners should reduce their cherges, and not suffer the present discrepancy as compared with Cardiff to continue. It is certain that buyers of both coal and iron are leaving Newport very fast, and the dock directors will soon have their property unused and neglected. Ships can be laiden so much cheaper in Cardiff that but few shippers go to Newport, and yet no steps are taken to compete on fair terms with the rival port. We have heard that an important coal and iron company in the Westera Valleys, Monmouthshire, are about to send their produce through to Liverpool, viá the Newport, Abergavenny, and Hereford Company. This must entail a heavy loss to Newport, as formerly everything was shipped in the docks there. The proprietors find it more economical to send to Liverpool by railway than from Newport by vessel, and the heavy dock dues are sufficient to account for this. It is againt into the Newport people.

Liverpool by railway than from Newport by vessel, and the heavy dock dues are sufficient to account for this. It is quite time the Newport people were aroused to a sense of their danger, and to the manner in which their ests are being ruined.

Mr. Roden, who for some time managed the British Works, Abersychan, with credit to himself and profit to his principals, has gone to the Pontymoile Works, near Pontypool, where his tact and judgment will doubtless

prove of great service.

A few evenings ago the colliers employed at the Norton Hill Coal Works were regaled with a dinner, in consequence of their having been out of employment several weeks through an accident to the machinery. They number 108, and are, of course, in very poor circumstances. Several number 108, and are, of course, in very poor circumstances, speeches were made on the occasion.

The annual meeting of the Bristol and Forest of Dean Coal Company has passed off satisfactorily. The company were recently successful in winning the Yorkley scam of house coal, more than three feet in thickness, and thus will be realised more than half a million tons. Two other

Seams are also in view, of still greater extent.

Proprietors of collieries on the Vale of Neath and South Wales Railways will be benefited by a broad guage branch railway connecting Llanelly Dock with the main line. Coal has already been shipped in the dock from the Loughor collieries, and the increased facilities will doubtless be largely made use of.

An injurest was opened at Rhymprey, on Monday, on the body of

less be largely made use of.

An inquest was opened at Rhymney, on Monday, on the body of William Jeomans, who was killed by a fall of coal in the Dyffryn Pit, on the previous Thursday evening, when about to leave his work. The jury viewed the body, and the coroner then adjourned the proceedings, to enable the Government Inspector to report on the state of the mine.

An enquiry has also been held at Aberdare concerning the death of a collier who died under similar circumstances.

VENTILATION OF COAL MINES-"FURNACE REGULATOR."-It is well known to those who have the management of extensive collieries, and requiring large and constant quantities of air for ventilation, that there is much difficulty in securing this. Where the ventilation is produced by the furnace, the furnace-men fire irregularly, and for their case frequently the furnace, the furnace-men fire irregularly, and for their ease frequently smother the fire with coals, and not unfrequently fall asleep. A constant live and bright fire is wanted to ensure steady ventilation. In order to accomplish this desirable result, Mr. Burton, the underviewer of the Springwell Colliery, Staveley Works, Derbyshire, has arranged a simple apparatus, worked by a very small feeder of water, and not liable to derangement. The operations of this simple contrivance are as follows:—Every twelve minutes a bell is rung to signal the furnace-man, whose duty is then to fire, and thus with small firings to keep a steady and bright fire. In order to ascertain that the furnace-man has attended at every period of twelve minutes, the same apparatus moves round a circular plate, on the face of which are inserted pegs. The plate is fixed in a box, a slot is made in minutes, the same apparatus moves round a circular plate, on the face of which are inserted pegs. The plate is fixed in a box, a slot is made in the box lid, and one peg only can be taken out at a time. Two minutes after the signal-bell rings the plate is moved round a little, and a peg is not again accessible until the next signal is given. If the furnace-man neglects to take out a peg, he is called upon to explain the reason. The pegs are dropped into a long groove, inaccessible to the man, but when the deputy examines this the precise period of neglect is detected. Another good feature of this "furnace detector," or "regulator," is the registry of maximum and minimum ventilation. During the clearing of the furnace fire, Mr. Burton has ascertained what should be the lowest amount of ventilation. A vane is fixed in the return air course, and is connected of ventilation. A vane is fixed in the return air course, and is connected with a pointer (under lock), which indicates the lowest amount of ventilation when clearing, and thus detects any neglect in this respect. The aption when clearing, and thus detects any negtect in this respect. The apparatus has now been at work eighteen months without requiring any repairs, and with all the results anticipated. The ventilation has been increased 30 percent., and has been kept constant. By it the daily attention of the deputy is secured at the furnace. It also points out which furnaceman neglects during the 24 hours. The furnacemen like the apparatus very much, as neglect is fixed upon the right man. Mr. Burton's apparatus has been introduced into the South Yorkshire Colliery, near Barnsley.

FEEDING STEAM-BOILERS,-Messrs. J. B. Pascoe and J. R. Thomas of Chacewater, have just specified their patent (per Mr. Campin, the patent of Chacewater, have just specified their patent (per Mr. Campin, the patent agent) for improvements in feeding steam-boilers. From their specification, we gather that this invention consists in having a reservoir to hold the feed-water placed at top of the boiler (though it may be placed at either end or side of the boiler), the same being connected with the boiler by pipes, screws or rivets, or otherwise, as required, the apparatus being arranged accordingly; for instance, if the reservoir be placed by the side of the boiler, the apparatus will be worked with an angle-bob in the pipe connecting the boiler and reservoir together. The boiler is made of any suitable metal or material. A pipe passes from the bottom of the boiler; and another pipe passes from the top the boiler into the reservoir, being so angled and curved as to convey steam from the top of the boiler into the reservoir; connected with this pipe is a safety-valve, with a lever in the boiler, and a flat float or swimmer attached thereto. There are three gauge-cocks, circh stopcocks, and four valves; also two pipes conveying water from the reservoir and cistern, or divided part of boiler next to the same, into the steam condenser, such condenser being and a flat float or swimmer attached thereto. There are three gauge-cocks, eight stop-cocks, and four valves; also two pipes conveying water from the reservoir and cistern, or divided part of boiler next to the same, into the steam condenser, such condenser being a fan with cylindrical axies and arms, through which the water is passed from the pipes and pours out in all directions, as in a shower-bath. There is also a small wheel or warra attached to the end of the shalt or axie of the condenser, or a larger wheel, for the purpose of driving it by a chain, endless belt, or otherwise. Adjoining the water eistern, which is next to the reservoir, as before stated, is another water cistern within a steam cistern, which is supplied with steam from the exhausting passages from the cy-

linder, from which steam clatern it is conveyed into the steam condenser connected with the exhausting passages from the cylinder. There is a pipe connecting the steam cistern to that part of the reservoir which forms the aforesaid water cistern acts the boiler, and conveying the water from one to the other. A suitable throttle valve is provided for regulating the steam proceeding to the reservoir, actuated by the asfety-valve, float, or swimmer, and its attachments; also other necessary mechanism. To use the luvention, first supply the reservoir and boiler with water through the appointed stop-cock, and the water clatern through its proper stop-cock; then light the fire and raise the steam, work the engine and drive the condenser, when the steam from the exhausting passage will return from the steam condenser and be returned to water, and will go back to the reservoir through the valve provided for that purpose, and then into the boiler, as before described. As the water in the boiler sinks under the float or swimmer of the asfety and throtthe-valves, it will also sink and lift the rod at the other end of the lever, connected with the throttle-valve, and let the steam into the reservoir, which will force the water down the appointed pipe, before described, and into the boiler, until the float or swimmer is at its proper level, when the valves are closed. The distance of the rise and fall of the water in the boiler I are reservoir may be in one, two, or three compartments, connected by valves, pipes, or otherwise, as required: as also with the exhausting passages from the steam-engine and the condenser driven in either compartments, connected by valves, pipes, or otherwise, as required: as also with the exhausting passages from the steam-engine and the condenser driven in either compartment, with a belt or endless chain, as required. In order to render the apparatus self-acting, the proper stop-cocks must be left open.—Claim: The improved method of ourcyving water or other liquid from a reservoir placed over th

LEGITIMATE MINING AS AN INVESTMENT.

BY JOHN ROBERT PIKE.

Publicity is a feature which is prominently a characteristic of the age in which we live. The handmaid of healthy commercial action, its presence is held to be indicative of enlighted progress, whilst its absence may either denote exclusive privilege, which is a relic of the past, or the existence of abuses which might cease to be if dragged to the light of day. At no resid cities in the second of the second control of the past of the second cities in the second cit is a second cities in the second cities in the second cities in period, either in the records of the past or in the experience of living men, has the science of statistics been held in such high esteem. On a basis of numerals rest the whole fabric of our vast and complicated trading transactions; by them the practicability or otherwise of any scheme is capable of probable demonstration, and to them the great body of investors of this country (and their name is legion) look for guidance in their selection of securities. Therefore follows, as a necessary conclusion, that different classes of joint-stock securities will be held in high estimation, or be unpopular, in proportion to the quantity and quality of statistical information respecting them which may from time to time be brought to general notice through the recognised channels of publicity. It has repeatedly been asked, both privately and in the public prints, why British Mining is so frequently shunned by individuals in search of either speculative or dividend securities. It is canable of demonstration that our home mines pay a greater shunner by manyadian in search of either spectative of divident search rities. It is capable of demonstration that our home mines pay a greater interest on money invested than any other description of available public securities whatever, and without more than an ordinary amount of risk, and that even in progressive concerns the chances of loss may be greatly search that the progressive the chances of loss may be greatly and care in their resistance. that even in progressive concerns the chances of loss may be greatly modified by method and care in their selection. These things considered, in conjunction with many minor advantages peculiar to the prosecution of mining in Great Britain, only tend still further to increase the singularity of the position. There are, doubtless, many causes which contribute to the maintenance of this hostile feeling, but we unhesitatingly point to the want of publicity of statistical details as the most mischievous.

The columns of the Mining Journal, which is the recognised organ of British mines, are very scantily furnished with this description of matter, owing to the indisposition evinced by the managers of a great many mines to communicate the required information—first, as regards their periodical financial condition; and, secondly, as to the quantity and value of ores

financial condition; and, secondly, as to the quantity and value of ores sold to the smelters. The particulars of the weekly sales of copper ore are at all times accessible to the general public, owing to the peculiar method of sale by ticketing which obtains in Cornwall, the great desideratum being of sale by ticketing which obtains in Cornwall, the great desideratum being reports of the sales of lead and tin, which are effected by private contract, and for which the managers of any public Journal must depend to a large extent on the liberal communications of the various pursers. In defence of the present system, it may be argued that such information is bona fide the property of the shareholders, in which individuals, other than adventurers, have no right to participate; and in some cases it might even be urged, in justification of secresy, that the shareholders in any particular adventure being satisfied with the value of their property, and determined to retain the shares in their own hands, they neither courted nor required the publicity for which we are contending. Whereas, in the first instance, we believe that if the question was submitted to the decision of shareholders themselves, they, in a majority of cases, would order their proper officer to furnish all such information for legitimate publication, recognising the greatly increased value which such a course of proceeding would be calculated to give to their property; and, in the second, it might very be calculated to give to their property; and, in the second, it might very reasonably be asserted that, so far as expediency is concerned, such a course of policy is radically bad, more especially so in progressive mines, where the or long is raincary out, more especially so in progressive times, where the amount of expenditure necessary to remunerate the shareholders for their outlay cannot be determined. We have known instances of mines being statzed with small and, in point of wealth, respectable proprietaries, who prided themselves on the private character of their undertakings, and who in the course of time would have cheerfully submitted to the most extravagant sacrifices in order to obtain a tithe of the fruits of that very publicity which they had previously treated with such superclious contempt. In the interest of statistical science, as well as in that of adventurers them. In the interest of statistical science, as well as in that of adventurers themselves, we claim publicity in matters of account—ore sales and prices—as necessary to secure the confidence and respect of the public at large for British mine shares as legitimate public investments.

m Mr. JAMES CROFTS:-If those who do the writer the honour letters will take the trouble to refer to the late ones, wherein the politica be moment are discussed, it will be found that he has expressed a strong its war question, and against the event as a proximate one, chiefly on the groun aspects of the moment are discussed, it will be found that he has expressed a strong opinion on the war question, and against the event as a proximate one, chiefly on the ground of finance; and now it would appear that his opinions have been tolerably sound, since that identical question is manifestly obtruding itself, whether a preliminary to war or not. The attempt to raise an Austrian lean has proved a failure, not more than one-sixth of the amount desired having been actually subscribed by the British capitalists, and even that sum, it is understood, can never reach the Austrian Exchequer, if it be true that the nesociators of the present loan will intercept the amount bong ide subscribed in liquidation of bonds held by them on account of former Austrian loans; and thus, so to speak, Austria "takes nothing by her motion" to borrow six millions sterling. A more taugitel matter is the rumour that France may come into the market for 29 millions sterling, to enable her to make face against any aggressive action on the part of Austria; but, although not considered as well authenticated, the rumour itself is necessarily significant of the resolution of that country to be prepared for events. Our own belief, however, is unchanged—that the war ext is more a stock-jobbing than a military demonstration, the settlement of which must, and will be, preceded both by monetary and diplomatic discussions, for which the public may wait, and put the event of actual war saide for the time. The discussions, for when the public may wait, and put the event of actual war aside for the time. The discussions, for when the course of jobbing operations; as, for instance, within the last seven days Consols have undergone the trifling tail of 4 per cent, whilst both foreign, colonial, and British shares of all kinds have generally improved in value, with as considerable a business doing in them as could reasonably be expected under present circumstances.

with as considerable a business doing in them as could reasonably be expected under present circumstances.

The general markets, and that of mines in particular, have not exhibited any strong symptoms of depression, although not quite so active this week as the preceding one for speculative shares; whilst for dividend mines there is neither a visible diminution of demand nor retrogression in prices, and those who have been purchasing these stocks fearlessly within the last three months are now in a position to realise excessive profits. If it be assumed, as is reported, that Providence Mines dividend for the quarter will be 3t, per share, and further, that the same rate of dividend may be continued, this share at 3t4. cost would be paying 27½ per cent. per annum income, and is, therefore, the maximum of a dividend mine. Wheal Margarets, on Jan. I last, were 6t1, per share, and are now quoted 82t, to 85t. This is another striking example of a tin mine (being only in 448 shares) yielding great profits to adventuers. The last dividend, on Nov. 28, was 3t. 10s, per share; the next is due this month, and it is evident that both the abovementioned shares may yet be bought for the dividends alone, if not for a rise in value also, and in this view are merely cited as brilliant examples of successful mining. Mary

mentioned shares may yet be bought for the dividends alone, if not for a rise in value also, and in this view are merely cited as brilliant examples of successful mining. Mary Ann remains steady, but Trelawny not quite so firm, the consequence of the sudden rise to 33, 34, 70m the payment of a bonus in addition to the last dividend; both these latter are shares to be bought as well as held. Alfed Consols, for some reason or other, have been quoted lower than their actual market value, not having receded at any time since the late advance below T½, and scarcely any offering on the market. Par Consols continue steady at 16 to 16½; they pay four-monthly, and paid on Nov. 2 last 10s. per share. Timeroft much enquired for, at 3½ to 4 per share. South Frances very scarce, but may be quoted 230, or thereabouts, buyers. Wheats Buller and Basset, West and South Caradon, West Basset, United Mines, Minera, Herodshot, Grart South Tolgus, Grambler and St. Aubyn, Bedford United, and several others less dealt in, do not present the smallest unsound feature, and have only to be offered to find ready buyers.

In progressive mines the most noticeable item is the continued success of Rosewarne United, where rich ore has been met with in the 70 m. level cross-cut; the shares are sought for at 70 to 75. On the list of January these shares were only worth 30, and the mine being in 512 shares, upwards of 20,000, has been added to its value in about six weeks. The Kelly Bray nuecting on the 17 was of a most satisfactory character, and the accounts showing the western mine to have made a profit during the interact of about 500 to 6000, whilst as the reserves of ore are estimated at about 60090, it may be considered a perfectly safe investment, and at present low in value in comparison with its merits. A rumour, said at the time to be without good foundation, was circulated ten days since that Calstock Consols Mine was full of water, which now appears to have been either untrufful or very much exaggerated, the shares being in good deman

ceras of the day. Wheal Addams held its meeting on the 15th inst., and made the anticipated call of 2s. 6d. per share, simultaneously with which event the water, which had for some time filed the lower levels of the mine, saddenly disappeared, and the shares in consequence, and despite the call, have remained firm at about the price the shares in consequence, and despite the call, have remained firm at about the price they previously ruled, and now stand, call paid, about 15s. per share, with more buyers than sellers. It must be now observed that the late reports on the mine baving been issued when the said lower levels were not available to the visitor, but being now in an "inspectable" state, fair reports on its actual condition and value as a mine to be worked for dividends will be looked for, and they may save the public from further violent losses, since it gives rise to the suspicion of misma-capement somewhere, when share losses, since it gives rise to the suspicion of misma-capement somewhere, when share fall without sufficient causes in a few weeks from 25s. to 10s. per share—they having been purchased at the higher price, too, in anticipation of a considerable advance. Prop been purchased at the higher price, too, in anticipation of a considerable advance. On the subject of this mine have been lately alluded to by the writer, and being in few shares they deserve attention, if on that account only.

Our artention have been charded to by the writer, and being in few shares they deserve attention, if on that account only.

Our artention have been drawn to Wheal Grylls, in consequence of a very considerable enquiry for the shares during the past week, the price having ranged from 5 % to 6 % to 6

in pennanship, or the time necessary to improve 44, an essential expedient is to employ an amanuses—a suggestion made to the worthy excitain with the highest respect for his mining abilities, and other appreciable qualities.

From Mr. Lelean:—Our inspection of the western mines during the week has been very satisfactory. At 81, Ives Consols, on Tussday, a dividend of 64, per share was declared, and an increased balance of 1771, 17s. 4d. carried to next account. 91 tons 10 ewits, 3 qrs. 20 lbg. of black this were sold during the quarter, at an average of 694, 6s. per ton—neit profit, 29974, 17s. 4d.; this is the largest dividend the mine has yet paid. Total amount of dividends paid up to the present time 9204, per share, and the next will be still greater. Botallack paid 24, 10s. and Levant 44, the same day. On Wednesday Wheal Charlotte paid 10s. The mines are opening very rich; in the 40 they have passed through upwards of 70 fms. of ore ground, worth on an average 204, per fm.; standing to a considerable height in the back, in the 80, they have east the 10de 22 mins, somer than in the level above—wiz, the lode in the 60, they have east the lode 22 mins, somer than in the level above—wiz, the lode in the 60, they have east the lode 22 mins, somer than in the level above—wiz, the lode in the 60 two months—it is expected this lode will prove the most productive in West Cornwall. At the meeting the shares were divided into 329, and Capt. Rendall's appointment of your continued to the continued of the continued of

WHAT IS SAID AND DONE AT "THE CORNER."

what is said and some considered to be against any important rise in the shares of the population of the property. It is stated that some gionsy morning the conference of the company, and thereby reduced the conference of the co

sequence is, however unprincipled in 'a moral point, he has made every effort to depreciate the shares, to enable him to purchase at the lowest possible price. If men will gamble, the law and equity decides that they must abide by the result, and so says the Corner.

SATURDAY, FEB. 12.—There has been a very active enquiry for East Wheal Russell, in consequence of advices that the lode had been cut in the 88, which has been looked forward to with much interest, buyers freely offering 3½ to 5½; Lady Bertha shares were done at ¾, but the numbers were few; Wheal Harriett, 9a, 6d. to 18a; Tray Consols, 11s. 6d., 12s. 6d., and 15a; Mary Ann, 47 to 48; Trelawny, 31 to 32; South Frances, 217½ to 220; Tehldy, 23s. In foreign shares, Worthings have been in especial request, from 7s. to 7s. 9d. Port Phillip shares have been purchased at 11s. to 11s. 6d.

MONDAY.—East Wheal Russell appears to be the favourite of the diffusions have advanced to 5¾, 9. Some brokers appeared desirous of the call of these

MONDAY.—Last w Hear Adescri appears to De the tayourille of the days shares have advanced to 834, 9. Some brokers appeared desirous of the call of these shares at 91, for the end of the month. South Frances shares were done at 2201, to 2251.; Trelawiny, at 31½; Cook's Kitchen, 5 to 5½; Carn Brea, 65 to 68; East Trensis, 5½; Lady Bertha, 15s.; Wheal Addams, 12s.; Tamar Consols, 31s.; Vale of Towy, 11s. 6d.; Hingston Down, 33½; North Pol, 1½; North Robert, 2½; Kelly Bray, 2 to 2½; Great Alfred, 2½ to 23½; North Downs, 3 to 3½; Alfred Consols, 6½; the Consols, 6½; the Worthing, 8s. 6d. to 9s. Gommens are in request, particularly by purchasers in the locality of the mine, consequently we may fairly conjecture that some improvement has taken place. Marke Valley are fiatter, and probably will be so until the result of the coming meeting has become known; it is pre-

particularly by purchasers in the locality of the mine, consequently we may fairly conjecture that some improvement has taken piace. Marke Valley are fiatter, and probably will be so until the result of the coming meeting has become known; it is presumed that the shares will be increased to 9000, and the additional 1000 offered to the shareholders pro rata to raise further capital. Tavy Consols have been enquired for, but at rather lower prices, it being thought more desirable to await the result of the advised improvement than to purchase on exciting reports. Wheal Harriett held a meeting this day, and a call of 2s, per share was made, for raising a further capital of 500. for the current three months, and to discharge existing liabilities.

TURBIAY.—A fair amount of business is stated to have taken place, but as we purpose only to record what has actually come to our notice, we shall quote South Frances at 222½; Carn Brea, 65; East Russell, 83; to 83; Hingston Down, 33; East Terfaiss, 63; Ladde, 72% to 3; Tavy Consols, 14s; vale of Towy, 11s, 6d.; Wheal Basset, 220 to 225; Ludect, 27% to 3; Tavy Consols, 14s; and we have heard as high as 19s.: South Lady Bertha, 2s, 6d.; Tehidy, 23s. to 25s.; Kitty (Lelant), 11s.; Airred Consols, 63; to 64; North Frances, 6; Mary Ann, 48; Drake Walls, 24; to 24; Margarel, 82; Pendeen Consols have been done at 6; Port Fhillip, 10s. to 11s.; Bon Accord have been aought for at rather least than the former quotations; and Worthings have been in considerable demand, no doubt arising from the information given by the publication of the last report. At 8 south Lady Bertha meeting a call of 2s. per share was made, and 1000 shares, which have been in abevance from the commencement of the mine allotted pro rata, thereby raising a sum of 600. which it is hoped will put the alare port. At 8 south Lady Bertha meeting a call of 2s. per share was made. Capt. Bichard Moore attended, and entered into a full explanation of the operations at the mine, its prospects, &c., and gave a satisfac

erous; East Russells are heavier, quoted 7% to 8; Rosewarne United does not in

prove, seliers at 62\%; Hingston Down were done at 3\%; Lady Bertha, 17s. 6d. to 18s. 6d.: Tehidy have been done at 22s. 6d. to 22s.; East Basset, 190 to 195; Providence, 70 to 72; South Toigus, 72; St. Day United, 15s. to 16s.; Ladcot, 2\% to 2\%; Grambler and St. Aubyn, 90; Mary Ann, \$6 to 48; Port Phillip, 12s. 6d.; Worthing, 7s. 6d. THURSDAY.—The market has been rather dormant, if we may except East Russell, for which there was an active enquiry in consequence of a reported improvement in the back of the 66 as well as the 88, which has been partially cut into. The shares found buyers at 9, 9\%, to 9\%, and left off with a desire to purchase at the latter price. There was a report that an improvement had taken piace in Tincroft, but as no one appeared to know the point, and there being no advice at the office, it was attributed to a ruse of some interested party. Hingston Down were bought at 3\% and 3\%; Tehidy at 28s.; Harriett at 11s. 6d. to 12s. 6d.; Lady Bertha at 18s. 6d.; Tavy Consols at 16s. to 18s.; Margaret, 8\%; Providence, 70; Tamar Consols, 29s.; West Caradon, 64 to 66. minois at 16s. to 18s.; Margaret, 8½; Providence, 70; Tamar Consols, 29s.; West radon, 64 to 65. Friday.—East Wheal Russell shares have been the chief enquiry, and

FHDAY.—East Wheal Russell shares have been the chief enquiry, and in demand at 19½, being a rise of 40001, upon an improvement reported in the back of the 66, a tribute pitch set at 13s. 4d. in 11., and the lode is stated to be worth 40!, per fin., this, it is hoped, will prove a "start" to the takers, and good ground left for the relative field of the 88 is rather disordered where opened, but a great improvement is fully aspected. Lady Bertha, 18s. 6d. 40 19s. 6d.; Wheal Addams, 15s. to 16s.; Resewarns United were again in request at 68; East Basset have been sought for at former prices, but we are not advised of any business; Drake Walls are offered at 30s., being less than last week's dealings; Holmbush are enquired for at 16s., but there are sellers at 17s. We have made every possible sequiry to asscriain the business of the day, and cannot learn more than we have noticed. East Russell left off sellers at 10!.

FOREIGN MINES.

COPIAPO MINING COMPANY .- Checo Mine, Dec. 31: Estimated produce
 Quantity
 Lsy
 Price
 Val

 Middle south lode
 . 2d class sulphurets
 . Qtls
 600
 . 13
 . 9
 . 672

 Ditto
 . 2d class carbonates
 . , 1900
 . 11
 . 5
 . 1187

Feb. 12: We have nothing new to report from these mines. We have not yet cut through the lode in the lower level, which is, according to all appearances, avery large one. The end of the main level is rather poorer. The other parts of the mine without change.

the lode in the lower level, which is, according to all appearances, a very large one. The end of the main level is rather poorar. The other parts of the mine without change.

FORTUNA MINING COMPANY.—Feb. 8: Canada Incoas; West of the Engine-shaft: The 6th level, east of Addis's shaft, is worth 1½ ton'per fin.; the lode is large and promising, and has much improved since the last report. The lode in the 5th level, east of Laddis's shaft, is worth 1½ ton'per fin.; the lode in the 5th level, east of La Goria winze, is small and poor at present, and the ground is very hard. The lode in the 5th level, west of Buen Provecho, is 2 feet wide, composed of carbonate of lime and lead ore, worth 1 ton per fin.; we look forward to this level being communicated shortly to the old workings. In the 3d level, west of Romero's cross-cut, we have intersected three small branches, containing gossan and a small portion of lead ore, but not enough of the latter for valuation; we propose extending this cross-cut 2 varss more in the same direction.—East of the Engine-shaft: The lode in the 4th level east of Garcia's winze, is large, and very kindly; its composition is quartz, prian, clay, and a little lead ore, but not enough of the latter for valuation. The 3d level, east of Tomas, winze, is worth 1 ton per fin.; the lode has a regular and well-defined appearance. Henderson's shaft is worth 1 ton per fin.; the lode has a regular and well-defined appearance. The lode in Lowndes' shaft is regular and well-defined, and worth ½ ton per fin.; the lode las a read and worth ½ ton per fin.; the lode is a read and worth ½ ton per fin.; the lode is large and promising. The 4th level, east of Morris's engine-shaft, is worth 3½ ton per fin.; the lode is read and promising. The 4th level, and of Morris's engine-shaft, is worth 3½ ton per fin.; the lode is a far and promising. The 4th level, east of Morris's engine-shaft, is worth 3½ ton per fin.; the lode is a far and promising. The 4th level, eat of Morris's engine-shaft, is worth 3½ ton per fi

LINARES LEAD MINING COMPANY .- Pozo Ancho Mine: South Lode, West of the Engine-shaft: The 85, west of Lioret's winz:, is worth 1\(^4\)_t ton per fathom, and the same level east is worth 1\(^4\)_t ton per fm:; the lode is well defined, and has a promising appearance. The end in the 75, west of Carrillo's winze, is poor, and we have commenced a cross-cut to the north part of the lode. The 55, west of Warne's shaft, is promising appearance. The end in the 75, west of Carrillo's winze, is poor, and we have commenced a cross-cuit to the north part of the lode. The 55, west of Warne's shaft, is worth 1 ton per fm; the lode is composed of quartz and lead ore, and we have put the men to cut a lodge. The 55, east of Warne's shaft, is worth 1 ton per fm: the lode is well defined, and looks likely to improve. The 45, west of Warne's shaft, is worth 1 ton per fathom. This end is rather wet, and the lode has a kindly appearance. The 31, west of Cecilio's winze, is mort to value; the lode is composed of carbonate of line and lead ore.—East of the Engine-shaft: The 85, east of Cueva's winze, is worth ½ ton per fathom. This end is rather wet, and the lode has a kindly appearance. The 51, the lode is very large, composed of carbonate of line, quartz, and lead ore. The same the composed of carbonate of line, quartz, and lead ore, and is letting out a quantity of water; the appearance of the end is very similar to that driven east of Madrid winze. The 55, west of Busto's winze, is worth 6 tons per fathom; a very fine lode, composed of lead ore and carbonate of line.—North Lode: The 65, east of Linis winze, is worth 1 ton per fm; the lode is large, and has a regular appearance. The 55, east of Basto's winze, is suspended, the lode inving formed a junction with the north part. The 65, west of Gamez winze, is worth 1 ton per fm; to lode kindly, composed of carbonate of line and lead ore. The 56, west of Florid's shaft is worth 13½ ton per fm; to lode kindly, composed of carbonate of line and lead ore of Antonio's cross-cut, being unproductive, has been suspended.—Field's Lode: The lode is a first, is worth 13½ ton per fm; to lode kindly, composed of possan, quartz, and lead ore.—Shafts: We are sinking Foxo Ancho engine-shaft down-right. Field's shaft is worth 13½ ton per fm; the lode is sworth 13½ ton per fm; the lode is sworth 3½ ton per fm; the lode is very promising, composed of spars and lead ore. Carrasco's winze, is worth 1 ton per fm; th

winze is worth I ton per fm.; the ground is rather compact. Jacn winze is unproductive; the lode is small. Malaga winze is worth 1½ ton per fm.; the lode is kindly, but the water rather interferes with our progress.—General Remarks: Daring the past five weeks were dressed and weighed to the smelting-works 769 tons. We estimate the raisings for February at 450 tons.

NEW GRAND DUCHY OF BADEN MINES .- S. Richards, Feb. 14:

eiting-works, campaign 12 is finished: campaign 13 was commenced hat week.

WILDBERG MINING COMPANY.—Z. Walls: We have dressed and sam

PONTOHAUD MINING COMPANY.—Captain Rickard, Feb. 14: Roure: Postolian, south from Agnes' shaft, is still being driven in a large and kindly lode, orey throughout; the part carried in the end (6 feet) is worth 1½ ton of ore per fathom, but part of the lode is still standing to the west of the level. The 20 metre level, south of Agnes' shaft, on the main part of Agnes' lode, is looking a little better, and turning out saving work. The same level south, on the western part of the lode, is producing 1½ ton of ore per fathom. The 20 north is still looking well, we estimate it worth 2 tons of ore per fathom. Agnes' shaft is now down 11 metres under the 20 metre level, and we hope in about three months more to get it down for a 40 metre level. The adit level, south of St. Peter's, on St. Mark's lode, is not producing ore sufficient to value. The winze sinkling in the bottom of that level is yielding 1½ ton of ore per fm. The 20 metre level, south from St. Peter's, on Emelie's lode, has laid open some pretty good stoping ground this month, but in the present end the lode is disordered by a nide. The 40 metre level, south towards Agnes', is still in ore ground, and looks very promising. The part of the lode carried in the level (4½ f. R.) is worth 1½ ton of ore per fathom. The stopes and tribute pitches throughout Roure are yielding as well as they have done for several months past.—Rosier: There is no change to mention in this section of the mines since last reported on. The cross-cut adit, be la Grange, has entered a favourable change of ground, and we are in full expectation of cutting a lode shortly. The present price for driving the level and tramming the stuff is 32 frs. per metre.—Micche: The sumpmen have commenced cutting plat in the 60 metre level, on the No. 3 lode is this level in about one month from this time. The 40 metre level, north of Taylor's shaft, is still without ore to value. The same level, on the No. 2 lode, is producing 1 ton of ore per fathom for 16 feet wide. We have commenced a winze in the bo PONTGIBAUD MINING COMPANY.—Captain Rickard, Feb. 14: Roure

weather is now fine, and the dressing proceeds rapidly, and at this time it dids hair for a preity good sampling.

CENTRAL AMERICAN MINING COMPANY.—Alotepeque, Jan. 3: In the mine of San Pantaleon a considerable extent of ore ground is laid open, and the stopes are yielding a large supply of rich silver ores. I am pleased to find that the driving of the deep adit level has been pushed on with all possible speed; theen di is now in 45½ varus from the cross-cut. The indications here are such as to warrant the belief that the lode will soon become productive. The new 10 fim. level, at Cornubia shaft, to be extended east on the course of the lode, has been commenced, and will be vigorously carried forward to the ore ground seen going up in the back of the level below San Vicente. The western shaft to be sunk over trial winze will be commenced this week; preparatory stepa, are now being taken for the purpose. In the course of a few days we shall begin to clear a site for the steam-engine, and this accomplished, proceed to erect a suitable house for it. It is very satisfactory to observe that from Dec. 2 to date 435 bags (say), 29 tons, of beat ore have been dispatched to Yasaba for transmission to England.—Mine Report: San Pantaleon Mine: San Vicente level has been extended east during the month 63½ varus, by six men, at 87 per vara; the lode in the present end is 20 in. wide, worth from 304, to 404, per fathom for silver ore. Six men heve sunk the winze No. 2 on main lode, sinking from this level to the one below 63½ varas, 2 varas at 48, and 4½ varas at 37 per vara. The lode in this pozo is 18 in. wide, worth from 164, to 204, per fathom. In Peres stope, in back of this level, which has been wrought by two men and two boys, the lode is worth from 104, to 164, per fathom.—Polore is: The cross-end of the level above, and the lode in it is 17, wide, worth from 104 to 164, per fathom. The lode in No. 1 stope, in back of this level, which has been worked by three men and four boys, is worth from 104, to 164, per fathom CENTRAL AMERICAN MINING COMPANY .- Alotepeque, Jan. 3: In the

GRANTS OF PROVISIONAL PROTECTION FOR SIX MONTHS.—W. CORFIELD. Chariton-Adam: Chains for coupling cranes, cables, mining purposes, hoisting, and all other purposes where chains are used.—W. Dilant, Chicago, U.S. (for L. D. Phillips, Chicago, U.S.): Submarine boats or vessels, and in apparatus used for working under water.—W. E. Newtos, Chancery-lane (for L. Arnier, Marseilles): Steam-engines and steam generators.—A. V. Newton, Chancery-lane (for L. Solomon, United States): Method of extracting gold and silver from their ores.—S. PLINSOL, Hatton-warden: Mining apparatus for use in mining coal and other minerals, and also for separating the small coal and crashed ores from the shale, dirt, and other matters with which it may be in combination, and for drying the same.—M. HENRY, Fleet-street (for Moismat and Co., Havannah): Manufacture and useful application of certain bituminous products and compounds of bitumen with other matters, and treating and applying certain natural bitumen or bitumens for such purposes.—W. E. Newton Chancery-lane (for A. L. Hyavynthe, Fleinet de Sauville, Paris): Improved blowing machine.—F. F. RAYEAU, Bouvelart de Strasbourg, Paris: Improved blowing machine.—F. F. RAYEAU, Bouvelart de Strasbourg, Paris: Improved blowing machine.—F. F. RAYEAU, Bouvelart de Strasbourg, Paris: Improved steam-engine actuated by regenerated steam.—S. TEARNS, Birmingham: Improved method of manufacturing curtain rings.—W. CLAYTON, J. Goodprellow, Blackburn: Metallic pistons.—S. D. Davison, Leith: Locomotive engines, in part application sueed in the construction of sheet-fron structures, and in machinery employed for the same.—A. Allan, Perth: Improvements in iocomotive steam-engines, in part applicable for stopping and retarding railway trains.—F. H. Maberlut, Stowmarket: Obtaining spring power, and in its application to various purposes.—G. F. Crantelle, Liverpool: Treatinent of charcoal after its manufacture or revivification.—J. B. REDMAN, Westminster: Construction of carriage ways. GRANTS OF PROVISIONAL PROTECTION FOR SIX MONTHS.-W. CORFIELD

OBTAINING ELECTRIC MOTIVE POWER.—Mr. Martin, Paris, has patented OBTAINING ELECTRIC MOTIVE FOWER.—Mr. Martin, Faris, has patented an invention, which consists in obtaining motive power from the expansion or dilation produced by the combustion, by means of the electric spark, of a mixture of combustible gas and air, or by the combustion and decomposition, by the electric spark, of combustible gas, air, and water vapourised. The gases or vapours may be employed to produce motive power in the same way as steam is now applied.

DR. COLLYER'S COATING FOR PROTECTING VESSELS FROM MARINE ANMAL AND VEDETABLE SUBSTANCES.—This invention, just specified, consists in the employment of the metals zink, tin, and lead, or their oxides, singly or in combination added to any adhesive or conselve substance, so as to form a coating composition, which may be applied to the sides and bottom of iron vessels, said being acted upon by the see water, holding in solution chiorides of sodium, potassium, and magnesium, forms highly

mpanied by a slight disintegration of the outer particles, so as continually to

TREATING BITUMINOUS UILS.— MICSSTS. Demonifin and Coffelie, Fairs, have patesited an invention which relates to the mode of treating heavy olds, resulting from the distillation of boghead or other coals or bituminous matter, and consists in depriving these oils of certain carbonaceous impurities by which the fisher of the said oils is rendeced fullginous. The treatment consists in thoroughly mixing with the said oils a preparation composed of chloride of lime and salt of said dissolved in water, to which a suitable quantity of oxide of manganese is added, after which the entire is left to settle, and the oil is distilled in any suitable distilling apparatus, so as to bring the oil to the requisite specific gravity. The adjunction of a suitable quantity of resin oil causes the deodorising of the said oils, either by precipitation or distillation.

and the off is directed in any sanched constraints paparates, so as to exing the on to the requisite specific gravity. The adjunction of a suitable quantity of resin oil causes the decolorising of the said oils, either by precipitation or distillation.

NEW BUILDINGS FOR THE PATENT OFFICE.—There appears at last to be some chance of a more appropriate building for the Patent Office and Patent Office Library being provided—a report from the Comminsioners of Patents to the Treasury having just been prepared, in which suthority is asked to apply a sufficient portion of the surplus now derived from the fees gaid on patents for the erection of a museum for the preservation and exhibition of the models deposited with the Commissioners, and for the erection of suitable offices. The report states that in 1853 certain offices were provided for the Commissioners of Patents, but this arrangement was not considered permanent. No lease has been granted, and as these offices are now required for the occupation of the registrary and other officers of the Court of Chancery, due notice has been given to the Commissioners of Patents to give up possession as soon as suitable offices can be precured. In 1853, the Commissioners established a free library, which has continued to increase. It has gradually become (we might remark principally through the mecasing energy of Mr. Bennet Woodcroft, the Superintendent of Specifications) a collection of great interest and importance, and the number of readers is at this time so great that convenient standing room cannot be found in the two small rooms within the office which can be appropriated to the library. It is the only library in the kingdom where the public have access not only to the records of the patents and inventions of this country, but also to official and other documents relating to inventions in foreign countries, and this without payment of any fee. A largely increased accommodation is urgently required. The Commissioners are in possession of many valuable and interesting mo

At the London and North-Western Railway half-yearly meeting, yes-At the London and North-Western Railway half-yearly meeting, yesterday (Admiral Moorsom, in the absence of the Marquis of Chandos, in the chair), the report was taken as read.—The Chairman, in moving its adoption, said he regretted that the report which they had all in their hands should be of so gloomy a character; but he considered that it was fully accounted for by the circumstances through which they had passed. Excessive competition at very reduced rates between London and Lancashire, the depressed state of trade, together with the absence of any extraordinary sources of revenue, such as those derived from the Manchester Exhibition, had caused the receipts of the past half-year to compare unfavourably with those of 1857. In the working expenses a great saving had been made under various heads, especially in the cost of fuel, and in the consumption of stores generally; but the necessity forced on the company of keeping up high rates of speed, in order to retain the traffic, had prevented any large saving in the half-year. Again, the vialued over the Trent Valley, 150 yards long, was destroyed by fire, which caused an interruption of the main line for 15 days, and the replacement would cost 10,000. Accidents, too, had drained the revenue; but he hoped that before long a brighter day, accompanied by a larger dividend, would dawn upon them. The Chairman concluded by moving the adoption of the report.—Mr. Glyu seconded the motion—Mr. Punchard, Mr. Mitchell, and other proprictors, criticised various items of the report.—After a lengthened discussion, the report was carried, and the dividend declared at 47.2s. 6d. por 1001, stock.—A vote of 22,0001, asked for improvements, works, &c., was refused, and a poli was demanded by the directors.

At the Madras Railway meeting, yesterday (Major-General Duncan Sim in the chair), it was stated that the entire line between Goriattum and Ecypsor will be finished as fast as the permanent way materials can be carried up for it. The further opening for traffic to Vaniembady, wh

THE MAURITIUS DOCKS.—We have the satisfaction to announce that, to facilitate the recently-established mail service between this port (Port Louis), Australia, and the mother country, the Mauritius Dock Company have begun the excavations for a vast dry-dock, to afford every facility for repairing such noble vessels as we shall shortly have calling at our ports. The size of the dock is to be 350 ft. long, 80 ft. extreme breadth, 60 mem, and 40 feet minimum breadth; depth 22 feet; in fact, capable of easily taking in such magnificant vessels as the buke of Wellington, of 3755 tons, longth, 278 ft.; length of keel for tomage, 292 ft.; depth of hold, 24 ft.; breadth, 62 ft. H.M.S. frigate Mersey, length, 3346 ft.; length of keel for tomage, 254 ft.; breath, 52 ft.; burthen, 3726 tons. H.M.S. Boscaven, which was lately here, is 2212 tons; length, 213 feet; such a vessel would appear like a long-boat in the new dock. The most important fact is that merchant ships of all sizes can be taken into dock and immediately repaired. The pumping machinery is being constructed by Mesars. Gayymo and Co., engineers, London, whose names stand so favourably before the public. Engines of 100-horse power will work three centrifucal pumps, discharging 12,400 gations of water per minute, and the dock containing 13,000 tons of water, will be entirely empited in 2½ hours. Besides these pumps, a smaller one, worked by a separate engine, will keep the dock dry during repairs to vessels. The company have in addition a forge, and every appliances for the repairs of iron vessels—this fact cannot possibly be too videly known. The contractors have engaged to finish the excavations in a year, but, doubtless, vessels will be received in about nine months.—Overland Commercial Gazette.

PARTNERSHIP.—A GENTLEMAN having a THOROUGH ARTINEASHIF.—A GENTLEMAN HAVING a THOROUGH KNOWLEDGE of the IRON SHIPBUILDING, and having a good connection and small capital, with prospect of good orders to commence with, WISHES to MEET with a MONED PARTNER, to establish the above business on the Tyne or other suitable river.—For further particulars, address "ALPHA," care of Messrs. Ingicdew and Daggett, solicitors, Newcastic-on-Tyne.

CLERK.—WANTED, by a respectable young married man, a SITUATION as CLERK. He is quick and correct in calculations, well up in book-keeping by double entry, balance, partnership, and stock accounts, and thoroughly experienced in the fron and coul trades in all their branches. References of the highest respectability, and security if required.—Address by letter only, "C. B.," Minjury Journal office, 26, Fieet-street, London, E.C.

TO ENGINEERS.—WANTED, for the GREAT WHEAL VOR LONGED MINES, a RESIDENT ENGINEER, competent to take charges the page of the control of the competent to take charges the page of the competent to take charges.

LINGIBLES, a RESIDENT ENGINEER, competent to take charge of and keep in a proper state of repair the whole of the machinery of those mines. He must be able to make mechanical drawings and to give directions for castings, and thoroughly anderstand the construction of mine machinery in all its details, and saperintend the work above and below ground. He must have no other occupation, his time solely decorded to these mines:—Applications, with specimens of drawings, to be forwarded to Capt. Git., at the mines; or to the committee of management, 64, Gresham House, Old Broad-street, London.

FURNACE MANAGER.—WANTED, by a YOUNG MAN of considerable practical experience, and who can be well recommended, a STIUATION to MANAGE or SUPERINTEND the MANAGEMENT of BLAST FURNACES. He is well acquainted with the manufacture of pigs, making out yields, costs, and book keeping. He is also perfectly competent to make plans and superintend the erection object turneces, and managing them.—Address, "X. Y.," Mining Journal office, 26 Fleet-street, London, E.C.

FOR SALE, a 24 in. WHIM HORIZONTAL ENGINE, with 10 tons boiler, nearly new, in excellent condition, and drawing machine attached As this engine is very superior in make and condition, parties requiring one will do well to examine it.—Apply to Mr. C. Wescome, 21, Southernbay, Exeter.

FOR SALE, a STRONG SECOND-HAND CRUSHER, 22 in, rolls, with brasses and wood-work complete. Will be soil cheap. May be seen an application to Mr. Matthew Bennett, Camborne, Corrawall.—For further particularly apply to Viviax and Co., Lucan Ironworks, near Dublin.

LEAD FOR EXPORTATION.—PIG-LEAD (hard and soft) SOLD at LOW RATES. The BEST PRICE given for LEAD ASHES, &c., and OLD LEAD.—ROUPELL and Co., Southwark Lead Works, Gravel-lane, London.

THE MASTER OF THE ROLLS AT CHAMBERS.

IN the MATTER of the JOINT-STOCK COMPANIES
WINDING-UP ACTS, ISSA and 1849, and of THE MEXICAN AND SMIES
WINDING-UP ACTS, ISSA and 1849, and of THE MEXICAN AND SOUTH
AMERICAN COMPANY.—BY DIRECTION of the MASTER OF THE ROLLS, the
Judge of the High Court of Chancery, to whose Court the windings-up of this company
is attached, NOTICE IS HEREBY GIVEN that the said Judge will, on Thursday, the
24th day of February, 1859, at Twelve o'clock at noon, at his chambers, Rolis-yard,
Chancery-lane, London, PROCEED to MAKE a CALL on the several persons who have
been settled on the list of contributories of the said company since the 21st day of July,
1838, and that the said Judge purposes that such call shall be for FIVE DUNDS FEIL
SHARE. All persons interested are entitled to attend at each any, hour, and place, to
offer objections to such call.

R. P. HARDING, 5, Serie-street, Lincoin's Inn, Official Manager.

AMORY, TRAYERS, AND SMITH, 25, Throgmorton-street, City, Solicitors. MINE COLLONIAL AMADEM, CANNEY, TRAYERS, AND SMITH, 25, Throgmorton-street, City, Solicitors.

THE COLONIAL MINING JOURNAL (Melbourne) for December, just received, contains:—Latest Reports direct from the Mines, Plan of the Bendigo Water-works, &c. Price 1s. 6d.

To be had of the agents in England, Wm. Dawson and Sons, 74, Cannon-street, E.C.

DEBENTURES OF FIFTY POUNDS EACH, BEARING TO IRONMASTERS.—A SITUATION WANTED as MILL and EBLENT UNESS OF FIFTY YOUNDS EACH, BEARING INTEREST AT FIVE PER CENT.—The DIRECTORS of the BRISTOL AND FOREST OF DEAN COAL COMPANY (LIMITED), under powers of the Act of Parliament, are NOW RECEIVING APPLICATIONS for DEBENTURES of FIFTY POUNDS EACH, for three, five, or seven years. Interest at 5 per cent, per anium, payable baif-yearly, with option to the lenders to convert into shares within a year. About £11,000 have been expended. The property consists of three extensive scans of coal, with engines, machinery, and buildings. One of the seams has been won, and the coal is expected to be in the market in about two menths. The colliery is near the port and railway station at Lydney.

Applications may be made to Mr. G. S. BRYANT, sharebroker, 2, Stephen-street; or to Mr. B. D. COLLESS, managing director, at the offices of the company, 6, Bridge Parade.

Bristol, February 4, 1859.

PROSPECTUS

PROSPECTUS.

WEST OF ENGLAND IRON COMPANY
(LIMITED).

By which each shareholder's liability is limited to the amount of his shares.

Capital £10,000. In 200 shares of £50 each.

PROVISIONAL DIRECTORS.

JAMES HUMBY, Esq., Fonkey Ironworks, Denbigh.

JAMES SAINSBURY, Esq., Easterton, Wiits.

JAMES SAINSBURY, Esq., Easterton, Wiits.

JAMES CADMAN, Esq., late manager of and partner in the Massteg Ironworks, near

Bridgend, Giamorganshire.

(With power to add to their number.)

SOLICITON—H. H. Hulbert, Esq., Devizes, Wilts.

SECRETANT—M. John Combes, Devizes, Wilts.

OFFICES,—DEVIZES, WILTS.

The objects of the company are for making and selling pig-iron, and converting the same into mallenble metal.

The objects of the company are for making and selling pig-iron, and converting the same into malleable metal.

A blast furnace, with hot air ovens and necessary machinery and fittings, have been bought, and a lease of the premises situate at Brisiol obtained; also, some rolling mills driven by water-power, at Wick, secured for a long term of years, and the stock in trade and tenant's fixtures, with a large quantity of iron ore, coke, coal, and limestone purchased. From carefully prepared calculations, an estimated nett annual profit of appearad to 30 per cent. on the capital is confidently anticipated.

One hundred and twenty shares have been already taken by seven persons only, and as the object of the present subscribers is to limit the number of shareholders, and being in want of a good practical manager, any party, subject to the approval of the board coming forward by himself, and a few others, and taking the remaining 80 shares would be allowed a handsome salary for his services as general superintendent.

Full particulars may be known of either of the provisional directors, or of the secretary. No application for shares will be received after the 25th inst.

ruii particulars may be known of either of the provisional direc No application for shares will be received after the 25th inst. Devizes, February 16, 1859.

ROLAND MINING COMPANY, DERBYSHIRE

ROLAND MINING COMPANY,
1000 shares, at £1 cach.
Deposit, 2s. 6d. per share. Paid on application.
Applications for shares to be made to Mr. E. B. Palmen, Stock Exchange, Chester and From whom all further information may be obtained.

THE CUMBERLAND BLACKLEAD MINE
COMPANY (LIMITED).
Capital £20,000, in 4000 shares of £5 cach. Deposit, 10s. per share.
Incorporated by Act of Parliament, 19 and 20 Vict., cap. 47, sects. 4 and 5, Jan. 8, 1859.
BICHARD EALES, Esq., Exeter, Devon.
D. J. JOHNSON, Esq., Northampton-park, Highbury.
WILLIAM WATKINS, Esq., 14, Soley-terrace.
C. WORTHINGTON, Esq., Cliftonville, Brighton.
(With power to add to their number).
BANKERS—The Bank of London.
SOLICTOR—William Black Barnes, Esq., 15, Cannon-street West.
RESIDENT AGENT—Capt. John Dixon, Borrowdale.
LONDON AGENT—Mr. George Chambers, Change-aliey, Cornhill.
SECHETANT—Mr. T. Fuller.
OFFICES.—51, THEEADNEEDLE STREET, LONDON.

London Agent—Mr. George Chambers, Change-alley, Cornhill.

Securerant—Mr. T. Fuller.

OFFICES,—51, THREADNEEDLE STREET, LONDON.

This company has been formed and registered for working the celebrated wad, or blacklead, and other minemia contained in the property. The graphite, or blacklead, technically called wad, is esteemed and known as the parest and most valuable ever discovered, and hence, during the period of its limited operations, the proprietors have been accustomed to open the mine for a few weeks in a year, during which period they realised the enormous sum of £238,625 9s., upon an outlay of £30,682 10s. 2d., leaving a profit of £207,942 18s. 10d.

The proprietors having amassed such a fortune from the returns of blacklead, and being advanced in years, the mine was closed for the last seven) cases. Since the decease of the principal proprietor, it has been granted to the present promoters upon favourable terms. A veln of copper and rich silver-lead has been discovered in the company's grant, which will add considerably to the value of the mine.

The mine is worked by adit levels driven into the mountain, no machinery being required. The lead, or wad, being found in a pure state, requires only to be cleaned from the outer surface, and has been sold at £3500 to £4500 per 10n; the second class being used in the formation of crucibles for chemical purposes, machinery, &c., and, as expressed in an Act of Parliament, passed in the reign of George II., sepecially for the security of this particular mine (Borrowdale), "it is found, by experience, to be necessary in the casting of bomb-shells, shot, and cannon balls."

Inspection of the mine is invited, and parties can satisfy themselves as to the proper state and condition of the mine, and the prospect of advantage to be received from it.

Several of the directors and promoters have lately visited the mine, and from personal inspection are satisfied that Captain Dixon's opinion and views are to based upon a good foundation. Their interview with the pencil ma

EXTRACTS FROM DR. URE'S WORK ON CHEMISTRY, &

EXTRACTS FROM DR. URES WORK ON CHEMISTRY, &c.

The blacklead is packed up in casks of 1 cwt. each, and deposited in the warehouses of
the proprietors in London, where it is sold monthly at a price of from 35s, to 45s, per lb.

gual to £3500 to £4500 per ton. The nett produce of six weeks' working has amounted
to £30,000. The mountain of Borrowdale, in which the blacklead is found, is 2000 feel
ligh, and the entrance to the mine is 1000 ft. only below its summit.—Dr. Urr.

Borrowdale, or Chapetry, is in the parish of Crossthwaite, Cumberland, seven miles
outh-west of Keswick. This Chapetry is celebrated for the production of the finest
immbage, or blacklead, in the world. This mineral principally is called wad, embedded
in grey felspar porphyry.—Gazetter of the World.

REPORTS.

Berrowhale, or Chapelry, is in the parish of Crosethwaite, Cumberland, seven miles south-west of Keswick. This Chapelry is celebrated for the production of the first production of the first production of the World.

Greta Bridge Poncil Works, Keswick, Jan. 29, 1858.—I went up to the mine, as promised, on Thursday last, and gave Capt. Dixon to understand what was required in his report for your use. You have the substance, and perhaps a little rearrangement would be of service, without altering the facts. On reference to the plans you will be the better able to do this. He had written explaining why the mine closed. The facts were these — Mr. Banks, having better half of the mine as owner, and holding about one-half the working share, did not care to advance any more money after getting Robour's level to a certain point, their lease expiring some two or three years from the time it cased to be worked. If any forther information will be a CHERT WILSON.

Wad Mines, Jan. 29, 1859.—Being convinced, as I am, of the great probability of there being many sops or bodies of wall yet undiscovered, I therefore submit the following proponenarest to the level of the bottom of the leviled. At about 190 yards from the entire the submit of the level of the bottom of the level of the level of the bottom of the level of the level of the level of the bottom of the level of

Applications for shares to be made to the directors in the following form:

To the Directors of Allotment of the 2400 Shares for Issue.

GENTLEMEN,—I request you will allot me of the £5 shares in this company, and herewith enclose you £ , being the amount of 10s. per share deposit. I also undertake to pay the amount of calls that may be made theroon, in accordance with the provisions of the company's Act of Incorporporation.

Signature

Date Address

CONDITIONS.

That the deposit of 10s, per shard shall be paid upon the number of shares applied for, to the credit of the directors, who bind themselves to aliot the shares to the first applicants; but should the number of such exceed the number to be disposed of—viz., 2400 shares, such deposits will be returned forthwith.

Any person will be at liberty to pay up in full the amount of £5 per share, and be allowed 6 per cent. discount thereon.

Prospectuses and every information afforded at the office of the company, 61, Thread-needle-street, London. By order of the Board, THOMAS FULLER, Sec.

field of German's vein in Jack's cross-cut to intersect

TO IRONMASTERS AND OTHERS.—A GENTLEMAN Tho has been CONECTED for MANY YEARS with large IRON WORKS, and who comblines a THOROUGH PRACTICAL KNOWLEDGE of the WORKING of BLAST FURNACES, with the usual routine of the counting-house, is OPEn to an ENGAGE-MENT. To parties commencing new works this would be a desirable introduction. Address, "P. Q.," Mining Journal office, 26, Fieet-street, London, E.C.

IRONMASTERS AND STEEL MANUFACTURERS. A GENTLEMAN of industrious habits, and well acquainted with the aboveness of business, is OPEN to an ENGAGEMENT to give his whole time as AGENT sumission or otherwise.—Apply, "B. W.," Mining Journal office, 26, Fleet-street

TO IRONMASTERS, ALKALI MANUFACTURERS, &c. WANTED, a SITUATION as CHEMISF, by a young man thoroughly qualify and can give a good reference. Salary less a object than a permanent situation.—
thress, "J. C. W.," Sydenham College, Birmingham.

IRONMASTERS.—WANTED, an AGENCY for the SALE of MERCHANTS' and STEEL IRON, for Sheffleld and its neighbourhood. The diser has for the last fifteen years been connected with ironworks, and accustomed upon all large consumers of both the above irons, consequently known to them,

TO IRON AND COAL MASTERS.—A PERSON who has had considerable experience in the MANAGEMENT of IRONWORKS, and in the OPENING and WORKING of COAL and IRON MINES, is DESIROUS of OBTAINING a SITUATION. Would not object to go abroad. Unexceptional references will be given.—Address, "M. R. J.," Mining Journal office, 2d, Fleet-street, London, E.C.

TO THE IRON TRADE.—The present GENERAL MANAGER of a company, under the Joint-Stock Act, is DESIROUS of CHANGING his POSITION. He has the experience of 19 years in the iron trade to offer, has a practical knowledge of iron making in all its branches, and is a competent book-keeper, correspondent, &c. No objection to go abroad.—Address, "Alpha," Mining Journal office, 6, Fleet-street, London, E.C. 6, Fleet-street, London, E.C.

TO CAPITALISTS.—A FEW GENTLEMEN having COMBINED to CARRY OUT a SMELTING ENTERPRISE in SPAIN, and deeming it an excellent opportunity for obtaining a large return upon the capital embarked, are DESHBOUS of finding a FEW MORE to JOIN THEM, in order that the advantages of the Limited Liability Act may be availed of. It is proposed to register a company with 10 shares of £500 each, and, as every care has been taken to secure the best system of management, the most satisfactory results are anticipated. This enterprise offers no inducement whatever to speculators relying upon share transactions, but affords a destrable opportunity for bona £de capitalists to invest in a highly lucrative business.—Apply to "O. N. M.," Mining Journal office, 26, Ficet-street, London, E.C.

TO MERCHANTS, MANUFACTURERS, AND OTHERS.—
AGENCY WANTED for CORNWALL, by a gentleman in whom implicit confidence can be placed, having extensive connections in the county, and who has had the superintendence of mines and china-clay works, and is acquainted with assaying and the management of business generally. The most satisfactory references and security Address, "Fides," Mining Journal office, 26, Fieet-street, London, E.C.

TO MANUFACTURING CHEMISTS,—MANA
WANTED.—A person thoroughly acquainted with the distillation of e
other mineral oils, and with the manufacture of the various products derivable
luminous substances, is required. Salary liberal.—Apply by letter only, stati
fications, addressed "A. C.," No. 34, Great Winchester-street, E.C.

TO ALKALI MAKERS.—WANTED, a thoroughly PRACTICAL FOREMAN, for the MAKING of SODA ASH. He will be required to superintend the construction of the necessary furnaces, &c., and be competent to undertake the direction of the works in the absence of the principal.—Apply by letter only, to Messrs, ALLEN and Co., wholesale and export druggists, Charterhouse-square, London.

TO ALKALI AND SULPHURIC ACID MANUFACTURERS any magnitude, and on the most improved principles, is OPEN to TREAT with ma facturers having works at present in operation, or capitalists about to erect the same any part of Engiand or abroad. Highly respectable reference as to ability and chara-will be given.—Communications may be abdressed to "X.Y.," care of Mr. Jas. New Warburton, 30, Cumberland-row, Newcastle-on-Tyne.

TO CEMENT MANUFACTURERS.—WANTED to RENT or PURCHASE. CEMENT WORKS of PARTY. PURCHASE, CEMENT WORKS of known good character.—Particulars to be sased to Messrs. Taxlor and Woodward, solicitors, 28, Great James-street, Bed-

WHOLESALE MANUFACTURE OF ALUMINIUM.
A GENTLEMAN who has EXTENSIVE WORKS in FULL OPERATION for the MANUFACTURE of ALUMINIUM, and who has already succeeded in producing the metal, is DESHROUS of MEETING a CAPITALIST to JOIN HIM in the commercial working of the process.—Address, "B. X.," Mining Journal office, 26 Fleet-street, London, E.C.

TIRE CLAY, &c.—An OWNER of LAND within three miles of the Manchester Exchange is WISHFUL to ARRANGE with a PARTY, or COMPANY, to WORK some VALUABLE BEDS of FIRE CLAY, of a very superior quality, which have recently been discovered under the estate, suitable for gas retoris, sanitary tubes, bricks, &c. There are no works of the kind in the district of any magnitude. The advertiser would be willing either to sell, lense, or assist in working the same.—For particulars, address to William Singleton Birch, London-road Wharf Manchester.

NICKEL AND COBALT REFINING, AND GERMAN SILVER WORKS, 16, OOZELL STREET NORTH, BIRMINGHAM. STEPHEN BARKER begs to inform the Trade that he has the following articles

REFINED METALLIC NICKEL. | OXIDE OF COBALT. | WIRE, & REFINED METALLIC BISMUTH. | GERMAN SILVER—IN INGOTS, SHEET NICKEL AND COBALT ORES PURCHASED.

EAST INDIA COAL COMPANY (LIMITED).—NOTICE IS
HEREBY GIVEN, that the WARRANTS for the DIVIDEND declared at the
general meeting of shareholders, held 8th December, 1838, will be DELIVERED on application at this office, on and after MONDAY next, the 21st inst, between the hour
of Eleven and Two.—Gresham House, Old Broad-street, London, Feb. 17, 1859.

CONSOLIDATED COPPER MINES OF COBRE.—NOTICE
IS HERBBY GIVEN, that a DIVIDEND of ONE POUND PER SHARE,
free of income-tax, will be PAID to the holders of certificates in this company, at the
offices of the association, Gresham House, Old Broad-street, on and after THURSDAY,
the 24th February next, between the hours of Eleven and Three o'clock.
The proprietors must leave their certificates for examination three clear days before
WALTER SHARE?
GEO. WHITMORE;
Gresham House, Old Broad-street, January 25, 1859.

THE BALLYMONEEN COPPER AND SULPHUR MINING COMPANY (LIMITED).—NOTICE IS HEREBY GIVEN, that the next HALF-YEARLY MEETING of the shareholders is appointed to be HOLDEN at the company's offices, 37, New Bridge-street, Blackfriers, London, on FRIDAY, the 25th day of February Instant, at Twelve o'clock in the forencon.

GREAT TREGUNE CONSOLS MINING COMPANY.—
A SPECIAL GENERAL MEETING of the shareholders will be HELD at the offices of the company, No. 8, New Broad-street, London, E.C., on TUESDAY, the 1st of March, at Twelve o'clock precisely, to receive important communications respecting the present favourable position of the mine, and on matters of finance.

By order, CHARLES PEARSON, G. M.

ENGLISH AND AUSTRALIAN COPPER COMPANY.

NOTICE IS HEREBY GIVEN, that the ORDINARY GENERAL MEETING of the shareholders of this company will be HELD on MONDAY, the 21st day of February last., at Two o'clock in the afternoon, at the London Taverm, Bishopsgate-street, London By order, BENJAMIN WILKINS, Sec.

The directors report, to be presented at the above meeting, may be obtained on application at the company's offices.

ation at the company's omices.
The transfer books of the company will be closed on Monday, the 21st day of February and will re-open on Tuesday, the 9th day of March next.
Offices, 8', Grarechurch-street, London, E.C., February 12, 1859.

THE SCOTTISH AUSTRALIAN INVESTMENT COMPANY (LIMITED).—NOTICE IS HEREBY GIVEN, that a SPECIAL GENERAL MEETING of the proprietors of the Scotlish Australian Investment Company (Limited) MEETING of the proprietors of the Scotlish Australian Investment Company (Limited) will be HELD at the London Tavern, Bishopsgate-street, London, on FRIDAT, the 28th day of February inst., at Twelve o'clock at noon precisely, to consider the propriety of increasing, and, if deemed desimble, to increase, the capital stock of the said company by the creation and issue of a new preference stock, to such an amount, in such mode, and on such footing or terms, as may appear to the meeting to be expedient.

By order of the Directors,

C. GRAINGER, Soc. 24, Gresham-street, London, February 14, 1859.

WEST HARTLEPOOL DOCK AND RAILWAY

EST HARTLEPOOL DOCK AND RAILWAY

COMPANY.—The ANNUAL GENERAL MEETING of the above company
being fixed for the 25th inst., the UNDERSHONED will then SUBMIT to the proprietors a RESOLUTION for the APPOINTMENT of a COMMITTEE of ENQUIRY. The
undersigned seeks for no proxies, nor for support, from any shareholders until the day
meeting, when he will be prepared to show a case which he believes will make the appointment of a committee irresiatible. Meanwhile, a report on the company's accountby Messrs. Gardner and Lovelock, public accountants, may be had on application.

28. Threadneedle-street, London.

EBNJAMIN COLEMANY

EW PATENT ACT, 1852.—Mr. CAMPIN, having advocated
Patent Law Reform before the Government and Legislature, and in the pages of
the Mining Journal, &c., is now READY to ADVISE and ASSIST INVENTORS in
OBTAINING PATENTS, &c., under the NEW ACT.

The Circular of Information, gratis, on application to the Patent Office and Designs
Registry, 156, Strand.

HUCKWORTHY BRIDGE MINE, NEAR HORRABRIDGE, DEVON

HUCKWORTHY BRIDGE MINE, NEAR HORRABRIDGE, DEVON.

TO BE SOLD, BY PRIVATE CONTRACT, SPARE
MATERIALS. One WATEL-WHEEL, 36 feet high, 3 feet 6 inches breast, with
rusher, drawing-machine, cast-iron axis for lifting 12 heads of stamps, with frame, &c.,
complete; 40 fms. launders and stands, 3 ft. wide; 125 fms. 2½ in. round iron rods;
15 fms. 2 in. square iron rods; 30 16 in. pulleys and stands; 2 tons of new and old iron;
saunders of different sizes; 1 picking table, with hutch; 3 large buddles; 2 tyres;
large ore shed, with wood floor; 4 trunks, with frame, &c.
The above materials are very good, and may be seen on the mine, and further particulars obtained of Mr. W. E. Commiss, Mining Office, Tavistock.

VALUABLE MINERAL PROPERTY, ESKDALE, NEAR WHITBY, YORKSHIRE.

TOR SALE, BY PRIVATE CONTRACT, a very VALUABLE
MINERAL PROPERTY in the above-named district, containing about TWO
HUNDIED ACRES of FREEHOLD LAND, in a good state of cultivation. The whole
of the property contains the rich seams of tronstone of the Cleveland district, comprising
the Avicula and Pecten bands, and also the collict, through the greater part of the property; together with cement stone, jet, and freestone, the position of the whole of which
offers great facilities for working. The estate is intersected by the Whitby branch of
the North-Eastern Railway, and affords capital sites for the erection of furnaces, the construction of which can be greatly facilitated by the superior freestone upon the property,
For further particulars and plans of the property, apply to Mr. J. Bouley, land supveyor, Whitby. ALUABLE MINERAL PROPERTY, ESKDALE, NEAR WHITBY, YORKSHIRE.

COLLIERY TO BE SOLD.—TO BE SOLD, BY PRIVATE
CONTRACT, a COLLIERY in FULL WORKING ORDER, having a present
output of about 150 tons per day, which can be considerably increased, together with all
TOOLS, RAILS, PLANT, COKE OYENS, &c., complete. This colliery is worked by
means of levels, and is connected with the Taff Vale, Newport, Abergavenny, and Hereford lines of railway, and is within 20 miles of the shipping port of Cardiff.
For further particulars and to treat, apply to Mr. H. J. Hollier, solicitor; or
JOREPH HENDERSON, civil and mining engineer, Aberdare, Glamorganshire.

NEW ZEALAND.

FOR SALE, BY PRIVATE CONTRACT,
THE ISLAND OF KAWAU,

Affording an opportunity to the monied speculator rarely met with.

Kawau, which contains about 5000 acres, is of freehold tenure, and situated on the east coast of the Northern Island of New Zesland. It is distant some 30 miles to the northern deading points for revessles metering the Houraki Guif, or Frith of the Thames.

The strait between it and the main land affords safe anchorage and favourable navigation for boats and small vessels, and the extensive matural harbour of Bon Accord, which rams about two miles into the centre of the island, is of sufficient depth and safety to shelter a considerable feet of vessels.

The island contains copper, and mining was formerly carried on to a considerable extent. There are numerous bays and inlets in the island, surrounded with inxuriant vegetation, supporting a large number of wild and tame cattle.

Further particulars may be had, and offers in writing will be received, at the offices of the North British Australasian Company (Limited), to whom the property belongs. A royalty will be reserved en all minerals which may be found on the property.

27, New Broad-street, London, E.C., September 16, 1858.

CARMARTHENSHIRE, SOUTH WALES.

O LET, the COAL, IRONSTONE, and FIRE-CLAY, under lands in the GWENDRAETH VALLEY, SOUTH WALES, belonging to Lieut.nel S. Coweil Stepney, consisting of SEVENTEEN SEAMS OF COAL, varying in moss from 2 to 9 ft.; numerous SEAMS of IRONSTONE, with ONE SEAM of CKBAND, about 16 in. thick.

BLACKBAND, about 16 in. thick.

The Gwendracth Canal passes through the property, and leads to the South Wales
Railway, as well as to the ports of Kidwelly and Pembrey, the latter port being about
eight miles distant, and having a floating dock capable of accommodating vessels \$500
toas and upwards.—For further particulars and to treat, apply to Charles Bruffler,
Eq., solicitor, 32, Lincoln's Inn.-fields, London; or to William Rosser, Esq., mining
engineer, Llanelly, South Wales.

VALUABLE CANNEL AND COAL MINES,
NEAR CHORLEY, LANCASHIRE.—TO BE LET, the UNDERMENTIONED
MINES of CANNEL and COAL, viz.:—

The CANNEL MINE.
The KING COAL.
The YARD MINE.

The BONE COAL.
The SMITHS' COAL; and
The ARLEY MINE.

The YARD MINE.

Situated at Duxbury Park, near Chorley, in the county of Lancaster, containing upwards of 200 acres. These mines, having all been proved by shafts, and partially worked an other parts of the estate, are well worth the attention of any party who may be destrous of establishing a large coiliery by means of a small outlay of capital.

The quality of the coal seams is excellent, the first in order, and very near the surace, being the well-known and Justly celebrated Wigan Cannel, for which there is a treat demand, at a high price, for gas purposes. The other seams combine all the qualities requisite for steam, house, iron, and coking purposes.

The property is well situated for easy and convenient transit for the coal, being inter-ected by the Lancaster Canal and the Lancashire and Yorkshire Railway, and within me mile of the London and North-Western Railway.

In addition to the present available outlets, the projected public line of railway from Blackburn to Wigan is designed to puss within 150 yards of the site most eligible for the sinking of shafts. The colliery will thus have convenient access to the ports of Liverpool, Fleetwood, &c., as well as to Manchester, Preston, Blackburn, Boiton, and other arge manufacturing towns.

To treat for the above, application may be made to Mr. John Rawes, agent, Duxbury Park; Mr. Geo. Gilhov, mining engineer, Wigan; or to A. C. Howners, Esq., 3, Loth-park; Mr. Geo. Gilhov, mining engineer, Wigan; or to A. C. Howners, Esq., 3, Loth-park; Mr. Geo. Gilhov, mining engineer, Wigan; or to A. C. Howners, Esq., 3, Loth-park; Mr. Geo. Gilhov, mining engineer, Wigan; or to A. C. Howners, Esq., 3, Loth-park; Mr. Geo. Gilhov, mining engineer, Wigan; or to A. C. Howners, Esq., 3, Loth-park; Mr. Geo. Gilhov, mining engineer, Wigan; or to A. C. Howners, Esq., 3, Loth-park; Mr. Geo. Gilhov, mining engineer, Wigan; or to A. C. Howners, Esq., 3, Loth-park; Mr. Geo. Gilhov, mining engineer, Wigan; or to A. C. Howners, Esq., 3, Loth-park; Mr. Geo. Gilhov, mining engineer, Wigan;

ALUABLE STEAM COLLIERY FOR SALE.—

The LESSEES of one of the most promising STEAM COLLIERES in South
VALES, surface area 600 acres, containing six distinct seams of coal, are PREFARED
of DISPOSE of their INTEREST in the LEASE, PLANT, live and dead atock, &c.,
in very easy terms to really influential parties, with a view to the formation of a jointtock company, with an ample capital, and for which every facility will be given. Free
hares in the new company would be taken for a very large portion of the consideration,
and the balance may be paid in annuities spread over 10 or 12 years to come.

Upwards of £45,000 have been expended in opening out and carrying on the works to
the extent of the present yield of 500 tons a day, with a progressive increase. The coal
is advantageously known in the markets of Southern Europe, is classed in the lists of
the Admirally, the Government of India, and the imperial French Marine, and is already
stensively in use for icomonitive engines on the rallways in France.—Address, appointging an interview, J. D. Barri, Esq., 45, Thurioe-square, Brompton, S.W.

WELSH STEAM COALS.—The ABERCARN COLLIER ELSH STEAM COALS.—The ABERCARN COLLIER'S COMPANY are now PREPARED to SUPPLY STEAM NAVIGATION and RAILWAY COMPANIES, MERCHANTS, and MANUFACTURERS with their new DEEP BLACK VEIN STEAM COAL. This magnificent coal combines all the requisites of a first-class steam coal, it possesses high evaporative power, entire freedom from sulphur and clinker, while its large size, hardness, and resistance to the action of the weather, peculiarly adapt it for the tropics or distant voyages, where it has to undergo much rough suage.—For price and terms, apply to the ABERCARNE COLLERY COMPANY Newport, Monmouthshire.

LD RAILS.—MESSRS. SEWELL AND CO. are instructed to BUY, in one or more lots, about 500 tons of light OLD FLAT BOTTOMED RAILS, not above 4 inches in depth. Offers, stating the lowest price, the port of delivery, and the section, addressed "Inco Conyany," care of Messrs. Sewell and Co., 26 Nicholas-lane, E.C., will be received up to the 21st inst.—London, Feb. 12, 1859.

OLD RAILS AND OTHER MATERIALS.—MESSRS. SEWELL AND CO THERE MATERIALS.—MESSINS. SEWELL
AND CO. are instructed to SELL, BY TENDER, and arrange for their delivery
this country, or at a continental port, the following OLD RAILWAY MATERIALS,
one or more lots, viz. "—About 500 tons of double-headed rails, 500 tons of bridge
alis, 70 tons of ordinary tyres, 30 tons of Lowmoor and bowling tyres, 10 tons of azies,
at 200 tons of wrought, lump, and nut scrap. Offers, stating the quantities required,
te time and place of delivery, and the mode of payment, addressed to "RAILWAY COMNNY," care of Messrs. Sewell and Co., 26, Nicholas-lane, E.C., will be received up to
the end of this month.—London, Feb. 12, 1859.

ENGINEERS' TOOLS.—FOR SALE, a SELF-ACTING SLIDE LATHE, 11 in. centre and bed 12 ft. long, complete. And TWO PORTABLE PUNCHING and CUTTING MACHINES, one suitable for ½ in. plates, and the other for ½ in. plates, both adapted for steam or hand power.—Apply to Messrs. Page and Camerion, auctioneers and valuers, 61, Old Broad-street, E.C.

TEAM ENGINES.—FOR SALE, a superior HIGH-PRESSURE HORIZONTAL STEAM ENGINE, of 6 horse power, 8 in, cylinder, and 1 ft. 6 in stroke. ONE of 8 horse power, 19 in. cylinder, and 1 ft. 6 in. stroke. ONE of 10 horse power, 19 in. cylinder, and 2 ft. stroke. And ONE of 30 horse power, 20 in. cylinder, and 3 ft. stroke.—Apply to 7 Messrs. Page and Cameron, 64, Old Broad-street, London, E.C.

STEAM ENGLINE FOR SALE.—A 24 inch ROTARY

CONDENSING HORIZONTAL STEAM ENGINE FOR SALE., 6 ft. stroke in
cylinder, heavy fly-wheel, drawing machine attached, and connection for pumping, with
a 9 ton Cornish boiler, the whole in good condition.—Particulars may be had by applying
to Messrs. Nicholler, Williams, and Co., Engineers, Tavistock.

Messrs. Nicholler, Williams, and Co. baye always a good supply of SECOND-RAND
MINE MATERIALS FOR SALE. Orders executed for new machinery and materials
at the shortest notice, and of best quality. Machinery sent to all parts of the world, and
sbie engineers to erect it.

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COLLEGE, LOWER KENNINGTON LANE, NEAR LONDON,
PRINCIPAL—J. C. NESBIT, F.G.S., F.C.S.
Youths intending to become Farmers, Land Stewards, Chemical and Manure
acturers, or Managers of Mining Property, will find the course of instruction in t
age such as to fully qualify them for their respective pursuits. The terms for
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ANALYSES and ASSAYS OF EVERY DESCRIPTION are PROMPTLY and ACCURATELY EXECUTED in the Laboratories of the College.

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OBTAIN every NECESSARY INSTRUCTION for their ECONOMICAL and EFFICIENT PREPARATION by applying to J. C. NESBIT, F. G.-S., &c., Principal of the
Agricultural and Chemical College, Kennington, London. Analyses of Soils, Guanos,
Superphosphates of Lime, Coprolites, &c., and Assays of Gold, Silver, and other Minerals,
are executed with accuracy and dispatch.

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The Tavistoc	k Ironworks.
GILL AND CO'S PRICE L PERRUA CAST IRON. Gudgeons, troughs, saddles, &c., in green same Ditte ditto, tarned or fittesi 11s. Centre pieces 10a. Ditto bored. 13a. Spar wheels and segments 10b. Ditto ditto bored. Revel wheels and segments 10b. Ditto ditto bored. 12s. Bevel wheels and segments 10s. Ditto ditto bored, extra 2a. Cranks in green sand. 16s. Ditto ditto bored, extra 2a. Ditto ditto bored, extra 2a. Ditto ditto bored, extra 1b. Ditto ditto bored, extra 2a. Ditto ditto bored, extra 1cs. Ditto faced. 1cs. D	IsT OF MINING MATERIALS. Ist I

WAND EFFICIENT METHOD OF FEEDING BOILERS
OF LOCOMOTIVE, MARINE, AND STATIONARY STEAM ENGINES, by
which a GAIN of TWENTY-FIVE PER CENT. POWER is added to the engine, and
a REDUCTION of FIFTY PER CENT. caused in the CONSUMPTION of FUEL.
1.—By it the steam is completely condensed to a vacuum from the piston, by which
there is a gain of 16 lbs. per square inch on the piston of locomotive engines, and 11 lbs.
on the square inch of marine and stationary engines over the present method of condensity ateam.

there is a gain of 10 life. per square here on the plates to tocamera method of condensing steam.

2.—A less pressure of steam is required in the boiler to produce the same effect, and
consequently less finel is required.

3.—The boiler is fiel with the hot water from the condensed steam, and by this means,
also, there is a great saving of fuel. Steam is generated from the hot water of condensed
steam with less fuel and in less time than from water.

4.—The water from the condensed steam being returned into the boiler, when the boiler
has been once filled it requires a very small supply of fresh water for a number of hours,
and the furring of the boiler is much less.

5.—A less weight of water and fuel is required to go double the distance.

6.—By the complete condensation of the steam, all that noise is avoided which has
hitherto prevented the running of locomotive engines over common roads, and constitutes
the greater part of the naisance of railway engines being put on common roads.

7.—The water of steam is so little, that steam vessels may take a sufficient quantity
of fresh water with them to go to America, india, or Australia, and thus explain away
the prejudy—effects of the salt water on the boilers, so that one boiler will last along as
four, besides as saving of the loss of time and expense in repairing and replacing boilers.

8.—By this method, also, the explosion of boilers is rendered met to impossible.

10.—That with the 25 per cent, power being added to the engine, to do more needful duty.

9.—By this method, also, the explosion of boilers is rendered met to impossible.

10.—That with the 25 per cent, power being added to the engine, to do more needful duty.

9.—By this method, also, the explosion of boilers is rendered met to impossible.

10.—That with the 25 per cent, power being added to the engine, to do more needful duty.

9.—By this method, also, the explosion of fooler lat milways will pay large
dividends. The filtering beds in marrine ships will also give place for general cargo and
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STEAM TO AUSTRALIA UNDER SIXTY DAYS.

PASSAGE MONEY £14 AND UTWARDS.
TO PACKETS.
IN CONJUNCTION OF BRITTISH AND AUSTRALIAN EX-BOYAL MAIL PACKETS AND EAGLE LINE OF PACKETS.
IN CONJUNCTION OF PACKETS.
Appointed to Sais punctually from LIVERPOOL on the 5th and 16th of each Month.
The above, in addition to being the only line with steamers out of Liverpool, is composed of the LARGEST, FINEST, and FASTEST MERCHANT SHIPS in the WORLD.
Ship.
BRITISH TRIDENT 1555 3560 O'NSILL 5th March.
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DONALD M'KAY.
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The above celebrated steam and saliling clipper ships, forming the only lines honoured by a visit from Her Majesty the Queen, and so well known for their rapid passages, punctuality in saling, and splendid accommodation unsurpassed by any ships in the world, will continue to sail regularly between Liverpool and Melbourne, thus affording to passengers and noted for their kindness and attention to passengers.
The cabin accommodation is most superior, the saloons being elegantly furnished with every requisite to ensure comfort to passengers, and are supplied with beds, bedding, &c.
Parties wishing to bring their friends home from Australia, can obtain tickets for these shipe leaving Australias every month.
Apply to Gibbs, Bright, And Co., merchants, I, North John-street, or to JAMES BAINES and Co., Tower-buildings, Liverpool; or to T. M. Mackay and Co., 2, Moorgate steel.

NOTICE.—The WHITE STAR clippers, comprising the LARGEST, FINEST, and FASTEST CLIPPERS in the WORLD, will be dispatched punctually at noon of the Island 20th of every month.

NOTICE.—The WHITE STAR clippers, comprising the LARGEST, FINEST, and FASTEST CLIPPERS in the WORLD, will be dispatched punctually at noon of the 1st and 20th of every month.

WHITE STAR LINE OF BRITISH AND AUSTRALIAN EX-ROYAL MAIL PACKETS.
ALING FROM

EX-ROYAL MAIL PACKETS.
ALING FROM

LIVERPOOL TO MELBOURNE, on the 1st and 20th of every month, and from MELBOURNE TO LIVERPOOL on the 1st of every month, and from MELBOURNE TO LIVERPOOL on the 1st of every month, and from MELBOURNE TO LIVERPOOL on the 1st of every month, and from MELBOURNE TO LIVERPOOL on the 1st of every month, and from MELBOURNE TO LIVERPOOL on the 1st of every month, and from MELBOURNE TO LIVERPOOL on the 1st of every month, and from MELBOURNE TO LIVERPOOL ON the 1st of every month, and from MELBOURNE TO LIVERPOOL ON TAKEN THE STAR.

REAL JACKET ... A BROWN.

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ATENT LEVER BREAK, FOR RALLWAY WAGONS,
doing away with the objectionable break rack. Can be APPLIED to EXISTING
STOCK at a TRIFLING EXPENSE. Royalty moderate. Models can be seen at 34,
Carriage Company; at the Peterboro Station, on the Eastern Counties Railway; the
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Western Railway; and at the Works, Oldbury, near Birmingham, where all communications
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INITED STATES OF AMERICA.-DUPEE, BECK, and U SATLES OF AMERICA.—DUFEE, BECK, and SALE of STATE, GOSPON, MASSACHUSETTS, BROKERS for the PURCHASE and SALE of STATE, CITY, and RAILROAD SECURITIES, MANUFACTURING, and BANK SHARES, give particular attention to the MINING COMPANIES OF LAKE SUPERIOR, and furnish reliable information concerning them.

[Dupre, Beck, and Satles refer to the Editor of the Mining Journal.]

YORKSHIRE TYRE AND AXLE WORKS, ROTHERHAM.
LOCOMOTIVE TYRE BARS OF EVERY DESCRIPTION, FOR ENGINES,
CARRIAGES, AND RAILWAY WAGON WHEELS.
STEEL IRON for springs, MERCHANT and OTHER IRONS MANUFACTURED,
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240 Wheal Reeth (tin), Uny Lelant	25 2500 Lady Bertha (cop.) [8, E.] . 1 6 6 19s. 18s. 19s. Feb. 1859 2500 Lady Eliza (lent) [L. £2] . 1 14 6 6 6 6 6 6 6 6 6
FOREIGN MINES. 2464 Burra Burra (cop.), South Australia. 5 0 0 137 140 210 0 0 5 0 0—Dec. 1859	12900 Liandudno (copper), N. Wales 1 10 0. 1
12000 Cobre Copper Co. (cop.), Cuba [8.E.] 40 0 0. 40 38 40 88 12 0. 1 0 0—Jan. 1856 10000 Copiago Mining Company.Chili [8.E.] 16 0 0. 12 10 12 5 18 0. 0 10 0—Mar. 1856 15000 East Indian Coal, Calcutta [L.] 10 0 0. 10 7½ per cent. — Yearly. 70000 Euglish and Australian [8.E.] 5 0 0 1½ 0 10 0 0 2 6—Sept. 1856	58 1000 Lostwithfel (lead & copper). 0 11 0. 3. 4 1 Feb. 1859 5000 Loughten (slate), Tip. [L. 42] 1 18 6. 14 Dec. 1858 MISCELLANEOUS.
25000 Gen. Mining Assoc., Nova Scotia, (S. E.) 20 0 0 20\(\frac{1}{2}\), 20 21 x d 13 10 0 0 17 \(\infty\)—July, 185 15000 Linares (d.), Pozo Ancho, Spain [S. E.] 3 0 0 9 3\(\frac{1}{2}\), 9\(\frac{1}{2}\), 6 0 6 0 5 0—Jan. 185 10000 Linares (d.), Pozo Cartine (S. E.) 1 15 0 14 dis 1 \(\frac{1}{2}\) dis 0 8 9 0 2 \(\theta\)—June, 186	59 2484 Maudin Mines (copper) 1 0 0 1½ 1 ½ No call
FOREIGN MINES WITH DIVIDENDS IN ABEYANCE.	59 8375 Molland (cop.), S. Moulton. 1 8 0. 3s. 2s. 3s. Nov. 1858 6000 British & Irish Magnetic Telegraph, A. 50 0 0 41 36 4157 Mount's Bay Cons., Marazion 4 5 0. 3s. 2s. 3s. Nov. 1858 6000 British & Irish Magnetic Telegraph, A. 50 0 0 41 36 4157 Mount's Bay Cons., Marazion 4 5 0. 3s. 2s. 3s. Nov. 1858 6000 British & Irish Magnetic Telegraph, A. 50 0 0 41 36 4157 Mount's Bay Cons., Marazion 4 5 0. 3s. 2s. 3s. Nov. 1858 6000 British & Irish Magnetic Telegraph, A. 50 0 0 41 36 4157 Mount's Bay Cons., Marazion 4 5 0. 3s. 2s. 3s. Nov. 1858 6000 British & Irish Magnetic Telegraph, A. 50 0 0 41 36 4157 Mount's Bay Cons., Marazion 4 5 0. 3s. 2s. 3s. Nov. 1858 6000 British & Irish Magnetic Telegraph, A. 50 0 0 41 36 4157 Mount's Bay Cons., Marazion 4 5 0. 3s. 2s. 3s. Nov. 1858 6000 British & Irish Magnetic Telegraph, A. 50 0 0 41 36 4157 Mount's Bay Cons., Marazion 4 5 0. 3s. 2s. 3s. Nov. 1858 6000 British & Irish Magnetic Telegraph, A. 50 0 0 41 36 4157 Mount's Bay Cons., Marazion 4 5 0. 3s. 2s. 3s. Nov. 1858 6000 British & Irish Magnetic Telegraph, A. 50 0 0 41 36 4157 Mount's Bay Cons., Marazion 4 5 0. 3s. 2s. 3s. Nov. 1858 6000 British & Irish Magnetic Telegraph, A. 50 0 0 41 36 4157 Mount's Bay Cons., Marazion 4 5 0. 3s. 2s. 3s. Nov. 1858 6000 British & Irish Magnetic Telegraph, A. 50 0 0 41 36 4157 Mount's Bay Cons., Marazion 4 5 0. 3s. 2s. 3s. Nov. 1858 6000 British & Irish Magnetic Telegraph, A. 50 0 0 41 36 4157 Mount's Bay Cons.
10000 Atten & Quenangen Uni.(cop.), Norw. 16 10 0. 3	20 Nent Force (163), Alson 1 0 0
43174 Unit. Mexican (sil.), Mexico [8.E.] Av. 28 5 0 3\(\frac{1}{2}\), 2\(\frac{1}{2}\), 2\(\frac{1}{2}\). 1 16 6 0 4 0—Feb. 1850 NON-DIVIDEND FOREIGN MINES.	4000 New Wh. Vork E. Wh. Metal 3 0 0 . 12 Oct. 1858 7199 Ditto (New)
Shares. Mines. Paid. Nom. Pr. Bus. done. Last Call 20000 Acadian Charcoal Iron, Nova Scotia [L.] 8 10 0 6 Nov. Nov. 185 20000 Anstralian (cooper), South Anstralia [S. E.] 7 7 6 5 4 3 4 5 8 Sept. 185	58 5000 North Delegath (con) Camb 1 6 6 6 5 51
75000 Bon Accord, South Australia (copper) [L.£1] [S.E.] 0 10 0 5 6 8 3 10000 Brazilian Land and Mining [L.] [S.E.] 5 0 0 25 Fully paid 6000 Central American (silver), Alotopeque [L.] 7 0 0 25 April, 185 17000 Central Italian (copper), [7000 £2 paid] 9 6 0 Jan. 185	58 1366 North Grambler, Redruth 1 5 0 5 4½ 5 1724 New Brunswick and Nova Scotia Land 80 0 0 18 15 18 15 18 .
60000 Clarendon Consols (copper), Jamaica (S.E.) 0 12 6 % Oct. 185 33040 Cologne Mining Company (iead), Rheuish Prussia 1 4 0 ½ June, 185 10000 Copiago Smelting (L.), Chill 10 0 0 13 75000 Dun Mountain (copper), New Zesland (L.) (S.E.) 1 0 0 % 5 4 4 Fully paid	56 1000 North Minera (lead) [L. £5]. 3 0 0 . 6 .534 614 .Nov. 1858 120000 Peel River Land and Mining 5 0 0 3 .23 512 North Penhaldarva (lead) 1 5 0 5 54 Aug. 1858 30000 Peninsular and Oriental Steam 50 0 0 85 34
20000 Elleralie and Bardowie, Jamaica 0 17 0 1½	
15000 Higgs Copper Mining Company, Spain	4096 North Wn. Wrey Con., Calstock 4 0 6 1½
2009 New Granda (gold), South America [S.E.] 1 0 0 3/4 3/6 4 Fully paid 10000 New Grand Duchy of Baden (silver-lead), near Freiburg 0 15 0 3 Nov. 185 10000 New Grand Mining Association [L.] 2 0 1/6 10000 North Rhine Copper of South Australia [L. £1] [S.E.] 0 10 0 13/6 1 13/6 13	28 8400 Pedn-an-drea United (tin) . 2 18 6. % . % . Mar. 1858 8400 Pedn-an-drea United (tin) . 2 18 6. % %
1 0 0 2	Limited Liability. d. *Our object being to make the Share List correct, we carnestly call mon all who have the power, to aid us, by forwarding any alterations or control of the share List correct.
25000 Victor Emanuel Val d'Ossola, Pietrioni [L.] 1 0 0 1½ 1 1½ . Fully paid 20000 Wellington Copper Mine Company, West Canada, Limited 1 0 0 1 1 100 Western Africa Malachite 95 0 0 100 Aug. 185 36425 Wheai Jamaica (copper) 91 0 0 188	tion which may, from time to time, come under their notice. To shareholders, as well as those officially connected with the mines, we appeal information. Reports from mines—in fact, mining intelligence of every description, forwarded to our office, will meet ready attention.
30425 Wheat Jamaica (copper) 1 0 0 18s. 25000 Wildberg (silver-lead, copper), Fruesia 2 0 0 1/4 180000 Worthing (copper), South Australia [L. £1] 0 15 0 8s. 3/2 8s.6d., Jan. 180	London: Printed by RICHARD MIDDLETON, and published by HENRY ENGLISH (the proprietors), at their offices, No. 26, FLEET STREET, where all communications are requested to be addressed.—February 19, 1859.

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